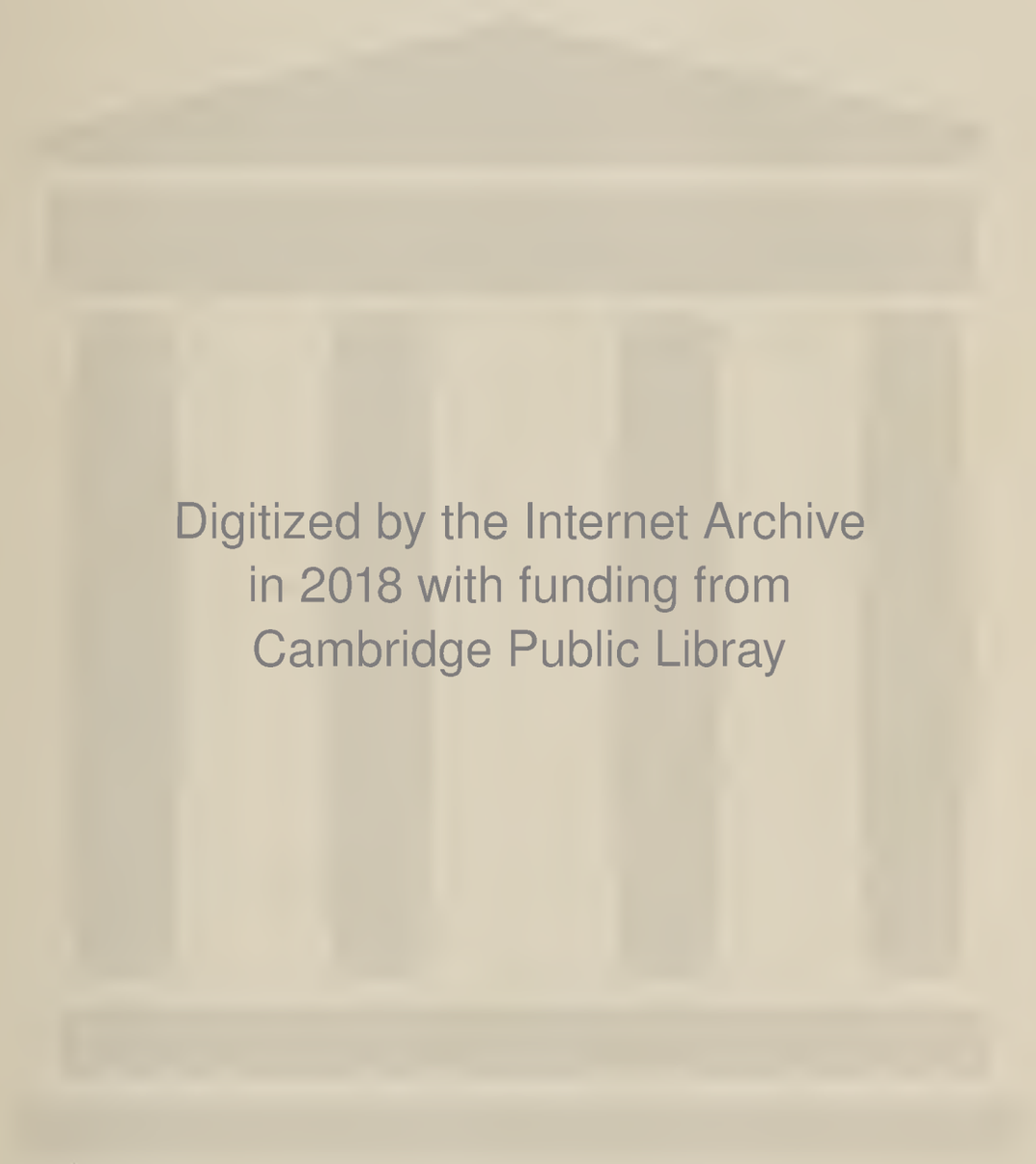

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City of Cambridge.

THE

# MAYOR'S ADDRESS,

AT THE

ORGANIZATION OF THE CITY GOVERNMENT,

AND THE

# ANNUAL REPORTS

MADE TO THE

CITY COUNCIL.

CAMBRIDGE:

PRINTED AT THE CHRONICLE OFFICE.

1860.

# City of Cambridge.

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PRINTED AT THE CHRONICLE OFFICE.

1860.

# CITY OF CAMBRIDGE.

*In Common Council, Jan.* 11, 1860.

ORDERED, That thirty-five hundred copies of the MAYOR'S ADDRESS, two hundred thereof to be separately bound, and thirty-three hundred copies of the FINANCIAL REPORT made to the last City Council, with the accompanying documents, and such other documents as have been ordered to be printed by the City Council, be printed for distribution, under direction of the City Clerk.

Adopted, and sent up for concurrence.

Attest: JAMES M. CHASE, *Clerk.*

*In Board of Aldermen, Jan.* 11, 1860.

Concurred.

Attest: JUSTIN A. JACOBS, *City Clerk.*

# ADDRESS

OF

# HON. JAMES D. GREEN,

MAYOR.

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Gentlemen of the City Council: —

Having been again summoned, after an interval of six years, to this office, which for three years I had previously held, and from which I had retired, with no anticipation of being called to resume it, I feel the obligation upon me, here, in the presence and at the first meeting of the City Council, to express my profound acknowledgments for this renewed proof of public confidence and regard. For the honor of this position I am indebted, — not to the generosity of any man who declines to accept it, — but to the free and unsought, and unbought suffrages of a majority of my fellow-citizens. It is the more grateful to my feelings, inasmuch as I have been asked for no pledges or promises of any nature, express or implied, and therefore am I able to enter upon my duties with absolute independence, — perfectly free to pursue such course in the administration of affairs as shall be dictated by my sense of right, and my judgment of the best interests of the City.

From experience I have learned something of the duties and responsibilities of this position, and especially the difficulty of fulfilling the public expectation. I must throw myself upon the candor of my fellow-citizens, while I assure them of my sincere and best endeavors.

In my official capacity, I can recognize no distinction among my fellow-citizens, as to their claim to equal consideration for their rights and interests. All prepossession and prejudice, if any such I have, I desire to lay aside, declaring that I have no personal, political, or party friends to reward, nor enemies to punish. Conscious of my own liability to err,

even with the best intentions, I desire to extend to others that candid and charitable judgment which I ask for myself;—presuming, unless compelled to think otherwise by evidence I cannot resist, that they are sincere in their convictions, upright in their intentions, and desirous of doing what they believe to be their duty.

In the administration of our Municipal affairs, I desire to adhere to the precedents which experience has sanctioned as wise and good, and to depart in practice from nothing for the sake of change. Omissions or neglects, if anywhere discovered, I believe, gentlemen, you would wish to have supplied, and errors, if committed, or abuses, if suffered, to have rectified promptly, at whatever cost it may be to individual self-interest or self-esteem.

I declare myself to be in favor of progress in everything that lies in the direction of the true, the good, and the useful. The time has never been, in the history of man, when there was so great a movement as at present in all that appertains to the chief interests of our race, material and spiritual, social and political. No one hails with more satisfaction than myself everything in this movement which appears to be for the real benefit of mankind. But movement of itself is not improvement; and there may be much of agitation and change without any real progress. Before we throw ourselves into the current of events, it behoves us to ascertain whither it is tending. In the onward progress of the world a principle of conservatism is as necessary for our well-being as is the regulator for the correct movement of the watch, or the governor for the safety of the steam engine. Without the restraining power of the latter, the constantly accelerating velocity would drive the machinery to its own destruction.

I am not in favor of extreme measures. The true, the good, the right, and the useful, are almost invariably found to occupy an intermediate position; and, as we search for either of them in the direction of one extreme or the other, to that degree we depart from the object of our pursuit, and find, instead of it, only disappointment and chagrin.

Disclaiming all private and personal ends, I shall aim only

to promote the public good. In this my endeavor, I shall look to you, gentlemen of the City Council, for that assistance and co-operation which I shall so much need; and without which my best efforts can be of little or no avail. We have a great Trust committed to our hands; a trust, the magnitude and importance of which are increasing year by year with the growth of our City, and the extension of its manifold interests.

A great Trust is reposed in us. How full of significance is this word! The offices we severally hold have been conferred upon us, not for ourselves, nor for our benefit, but for the service and benefit of the city. We are the chosen agents, to whose hands are committed the public interests, to be managed, for the time being, to the best of our understanding and ability, and to be faithfully accounted for, at the year's end, to those who have entrusted us with them. For the faithful execution of the trust, we must keep ourselves free from all extraneous influence, that would tend to blind our eyes, or pervert our judgment. They who occupy positions which give them power, patronage, or influence, are particularly exposed to have their fidelity tested, as they are approached, from time to time, by those who solicit favors for themselves or others. To maintain one's independence and integrity under all such circumstances is by no means easy, even though one may be conscious of the most upright intentions. Personal interest, or love of popularity, may be addressed, or prejudice excited, — promises may be made, gifts proffered, or intimidations uttered. If compliance be yielded, if the strict line of duty be departed from, by reason of such outside influence, and subserviency rendered, it is at the cost inevitably of one's independence and self-respect.

It is written in that Book which contains the record of Divine inspiration, as a solemn injunction upon the judges and officers of Israel, — "Thou shalt not wrest judgment; thou shalt not respect persons; neither take a gift; — for a gift doth blind the eyes of the wise, and pervert the words of the righteous." When tendered to one in an official position, to obtain a favor in return, a gift should be spurned as an

insult. No greater indignity can be offered to an upright and honorable man.

In these last few sentences I have repeated, by particular request, the precise language which I used on a recent public occasion, and by which some persons seem to have been disturbed, — regarding it as a reflection upon themselves. I have thought it my duty to enunciate a general proposition; — at the same time stating that I have no personal knowledge which would warrant a particular application. I judge of no man's motives. It is the motive which gives the character to action; and to every individual, in the consciousness of his own, must be left the application.

Having a just appreciation of official independence, and official integrity, we should spare no efforts to preserve them above suspicion. Especially is this necessary at a time when so many circumstances have combined to lower the standard of public morals, and when examples of corruption are so frequently occurring, and some even of gigantic fraud, in places of important trust. In the government of some of our largest cities, official corruption has become glaring and notorious; and affairs of the greatest moment are often made matters of bargain and sale. The minds of reflecting men have given way to the saddest forebodings for the future; for even the halls of national and state legislation are not entirely exempt from the reproach. No public man can be too carefully on his guard. He should be sure that, in his official capacity, and his official conduct, no stain can possibly rest upon his integrity or honor.

In our capacity, then, of agents and trustees, gentlemen, we are now to take into our charge the varied and important interests of the City.

The expectation has probably been entertained by many that the change which has been effected in the City Government will be followed by greater economy in the public expenditure, and a reduced taxation. This is exceedingly desirable if it be possible. No one is more solicitous than I am for such a result, if it can be effected without detriment to the public interests. A sound and healthy financial condi-

tion is as indispensable to the prosperity of a city as to that of an individual. Debt weighs heavily on one as on the other; — in its effect discouraging enterprise and paralyzing effort.

Let us consider how far it will be practicable to reduce expenditure, applying the question to the several departments of the administration ; and first, in reference to the schools. Their particular oversight is committed to another body, who, being elected directly by the people, make their report directly to the people in return. It redounds greatly to the credit of our citizens that they have been so careful, from year to year, to secure the services, upon this committee, of gentlemen so highly qualified for this important trust. By reason of this it is that our schools have attained a rank, it is believed, second to none in the Commonwealth, — pre-eminent as Massachusetts justly is for the condition of her educational institutions.

The expenditure for instruction, which is the largest one for any object in the City, was, the last year, $35,544.05. There are are about fifty schools, and about eighty teachers. It is the duty of the School Committee to select the teachers and fix their compensation. I believe it is a wise provision of the law, and that that duty could be entrusted to no better hands. It is a matter, over which the City Council have no direct control, and for which they have no direct responsibility. I feel at liberty to express the opinion, that, when teachers have been proved to be eminently qualified and faithful, the interests of the City demand that such compensation shall be paid for their services, as will be adequate to retain them ; and that the rate of that compensation can nowhere else be entrusted with greater confidence than to the discretion of the School Committee. Any reduction in this item of expenditure, therefore, is not to be expected. It belongs to the City Government to provide the buildings for the schools, to furnish them, to take care of them, and keep them in repair, and supply them with fuel. For these purposes the expenditure the last year was, exclusive of fuel, $17,064.85 — of this amount the sum of $10,890.86 was for a new Brick School House in Ward III. For repairs $3,186.41 were required, and $2,704.73 for the care of the buildings.

By reason of the crowded condition of many of the schools, and particularly of the High School, it has been represented to me that additional accommodations would soon be needed, if that need is not a pressing one at the present time. I have not sufficient information upon the subject to warrant me in making any recommendation, but would refer you to the Report of the School Committee, which will soon, in a printed form, be submitted to the citizens; — adding only that I have no doubt that the City Council will cheerfully respond to whatever may be represented by the Committee to be necessary to promote the interests of the schools. Should no call be made for the erection of another school-house the present year, there may be a reduction in the expenditure from that of last year under this head of about $10,000.

As it is with the schools, so it is with the poor, — their care is entrusted to a Board of Officers, whose powers and duties are prescribed by law, chosen directly by the people, and accountable to them directly in return. But to the City Council it belongs to provide the means to meet the lawful demands of the Overseers, in the performance of their duties. The expenditure for the Almshouse, the last year, according to the Auditor's Report, was $8,148.56

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| Paid for labor at the ledge, | | 697.97 |
| Making a total of | | $8,846.53 |
| The receipts into the Treasury were — amount paid in by the Warden | $3,839.75 | |
| For stone sold, | 111.71 | 3,951.46 |
| Leaving Almshouse Dr. to City, | | 4,895.07 |
| Credit the establishment with the labor of paupers and inmates of the Workhouse, and stone sold to individuals, though not paid for according to Overseers' Report, | | $4,860.48 |
| And it leaves the small balance of | | $ 34.59 |

as the whole cost to the City of maintaining the poor for the year. By this mode of calculation, the Almshouse appears to

be nearly a self-supporting institution, if we leave out of the account the interest on the original cost of the establishment, including the farm. This is a gratifying result, and highly creditable to the management.

The appropriation of $12,000 has generally been found sufficient to defray the expenses of the Fire Department. Considering the extent of our city, — the combustible nature of the buildings generally, and, in some localities, their close proximity, — the necessity of the Department for our protection and security is placed, I think, beyond a question; and, considering the number of companies with their engines and apparatus, and the buildings to contain them, the sum mentioned above seems not excessive to keep them in that state of efficiency which our exigencies require. I apprehend that no reduction can be safely made in the appropriation for this department; nor am I aware that any extra expenditure will be required. I am happy to state that I am informed the department is at present in excellent condition, — well organized, and prompt and energetic in discharge of duty. Our exemption for a long period from fires and alarms of any consequence is matter for general congratulation.

The expense for the Police and Watch has been every year increasing, till, in 1858, it exceeded $13,500. The last year there was a reduction in this item of about $1,000. It is a highly important department of the government, and, I apprehend, it is hardly to be expected, that, in our rapidly growing City, so intimately connected as we are with the metropolis, and so much exposed to having crowded out upon us a population requiring unceasing vigilance, for the protection of person and property, for the execution of the laws, and the preservation of the peace and of public order, by day and by night, a less expenditure will be adequate. I should be happy to effect some retrenchment here, if possible, and my endeavors to that end shall not be wanting. But, it must be remembered, that no small portion of the duty is arduous, trying to the constitution, and sometimes exposes one to personal hazard. Yet situations are eagerly sought, and they can at any time be easily filled. But men of the proper qualification, physical and mental, of the requisite prudence and energy,

and of reliable fidelity, in whom the community feel confidence, are not to be secured without a liberal compensation. They, who have proved themselves competent and faithful in their positions, should be retained in the service of the City.

Changes have several times been made in the organization of the Police, whether for the better I am not prepared to say, but, at present, I am informed, the condition of the department is harmonious, and, in general, satisfactory.

At three different periods an ordinance has been in force providing for the appointment and prescribing the duties of City Marshal, and three times it has been repealed; being, in each instance, succeeded by a provision for three head-constables, — one in each Ward or District of the City. Though my individual preference is decidedly in favor of the former organization of the department, as tending to a concentration of authority and responsibility in a single head, instead of that division and separation which tend to weaken both, yet, after these repeated experiments, I should not think myself warranted in recommending the re-establishment of the office.

I now proceed to consider the expenditures under another head, to ascertain whether a reduction may not here be made without detriment to the interests of the City; — I refer particularly to the road department.

Great attention has been given to this department by the last administration; and for the public and permanent improvements it has made due credit should be awarded. These improvements are great and manifest; and, from the amount expended, they ought to have been so. Far be it from me to call in question the wisdom of what has been done, or to intimate that the City has not received the full equivalent for all the money that has been expended. But I am now dealing with the facts of the expenditure, — to draw attention to some of the items, — to show the causes that have produced them, — and attempt to ascertain, wherein, if in any particular, we may be able to curtail expenditure. What then are the facts?

During the last four years, or since the commencement of the construction of the Horse Railroad, the expenditure by the City upon the streets and sidewalks, for repairs, alterations,

and paving, have been $100,872.83, or a little more than $25,200 annually, — about twice the amount of the greatest expenditure for the same purpose of any preceding year.

It was confidently anticipated by many, that, upon the construction of the Horse Railroad, the track being kept in order by the Company, the cost of repairing the highways would be materially reduced. This may be the result in the end; but as yet the expectation is far from being realized. The breaking up of the streets to lay the track has given occasion for widening the streets in some places, and altering the grade in others. This has been attended with expense, which would not so soon have been incurred, and perhaps, in some cases, would never have been necessary. It has also involved the necessity of paying land damages, — to what amount, from this particular cause, I have not been able to ascertain. But the amount of these damages paid the last four years has exceeded $7,000, which I have not included in the foregoing sum representing the aggregate of expenditure upon the streets; though I presume it should properly be so included. Besides which, it is understood that there are other claims for damages unadjusted, for some of which, suits are now pending before the courts.

Additional expense on the highways has been caused, moreover, by giving up to the Railroad the centre of the street, where, for a considerable extent, a hard and solid road-bed had been formed by many years of macadamizing with broken stone, whereby the public travel has, in the main, been turned upon the sides, and the City compelled, instead of one, to keep in repair two roadways, neither of them ever macadamized, and each, being sideling, or sloping toward the sidewalk, is more liable, in addition to the discomfort of riding, to get out of order, and require frequent repair.

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| To the foregoing account of expenditure | $100,872.83 |
| Add the Land Damages, | 7,098,41 |
| Also the expenditure for Public Squares, | 8,013.86 |
| And for Reservoirs and Drains, | 41,986.20 |
| And we have, for the above-mentioned objects, an expenditure, in four years, of | $157,971.30 |

Surely, with such an outlay, a great improvement ought to have been made in the city. Upon some of the items included above, a few remarks are here suggested. In regard to the item of $ 41,986.20 expended for reservoirs and drains, three fourths of that portion of it, — presumed to be by far the larger portion, — which was for drains, should be refunded to the City from the assessments made on abutters and others benefited thereby. This, however, is seldom realized in full, — as individuals, feeling aggrieved by the assessment, occasionally appeal therefrom, and not unfrequently with success. About one half of the above amount has been recovered of the individuals assessed. The assessment, however, has yet to be made for one of the most expensive drains the City has constructed, of which, as it runs for a great distance along the side of the Common, the City must bear ultimately full one third, if not half, of the cost.

The sum of $ 8,013.86 has been spent upon public squares. It is hoped this may suffice for the present. It has undoubtedly been a local improvement, — perhaps an embellishment, — but as, at the best, it is an exercise of a doubtful authority, I cannot recommend the continuance of such expenditure, any further than may be necessary to preserve what has been done. Nay, more, I think it my duty to declare it as my opinion, that there is no warrant in law for such expenditures of the public money. The objects for which the people may be taxed are specified in the statutes of the Commonwealth ; and you will search them in vain to find the purchase or embellishment of public squares, the rebuilding of forts, or erection of flagstaffs, among the number. These things should be done by private subscription, on the part of those whose property is to be benefited thereby ; not by taxation upon the people. That is an exercise of arbitrary power.

In the foregoing aggregate of expenditure for streets is included one item of $ 4,090.94, spent in 1858, for grading private streets. About one half of the above appears to have been refunded to the treasury ; but it is believed the result of this experiment of grading private streets at the City's expense has not been such as to warrant its repetition, except in some cases of actual necessity.

In this connection I desire to make a remark upon the exercise of the City's authority in assessing taxes for drains and grading, and awarding damages for land taken or injury done by widening or grading streets. From these assessments or awards an appeal lies to another tribunal; and individuals, feeling aggrieved, of course avail themselves of that right. Allow me to suggest that the utmost discretion should be used in every step of the procedure, in giving sufficient notice beforehand to every person whose interests can be affected, of the time and place for hearing, allowing opportunity for the most free and full expression of interest and opinion, making up the judgment upon the maturest and most disinterested consideration of the case, and in a liberal and forbearing spirit toward individual interests. Anything like the exercise of doubtful authority or arbitrary power, or having the semblance of encroachment on private rights, should, if possible, be scrupulously avoided by the Government. An occasion for appeal would then seldom arise, or, if an appeal were taken, it would seldom prove successful. During my experience hitherto in this office, it gives me satisfaction to say, that an appeal from the adjudication of the Board of Aldermen was seldom taken, and when taken, was in no instance successful.

I regret to learn, that, in the many law suits in which the City has of late been unfortunately engaged, either directly, or in the person of one or another of its officers, it has been uniformly unsuccessful. Whether it were from the fact that there was an inherent fault in the case on the part of the City, or that proper attention was not given to the preparation of the cases, I am not informed; but, in either alternative, the result, in addition to the costs and damages that accrue, is far from being creditable to the City.

Several cases are still pending in court. One particularly, of no little importance, relative to the title to the land on which stands the new Allston School House. The council who has it in charge expresses a confident opinion that the decision will ultimately be favorable to the City. A decision has recently been given against the City in a case arising from

the widening of Court Street, on the occasion of laying the rail track for the accommodation of the horse cars; in which mere nominal damages, it is said, were given, the main object being to determine the question of right. This being settled, however, unless some adjustment is made, the City is liable to repeated suits by the same party, and by several others having similar claims.

The speediest way, probably, of terminating this unpleasant and vexatious state of things is, after due notice and hearing of all parties, to establish the line of the street, and award the damages that may be judged reasonable.

I would here take the liberty to suggest, whether it would not be for the benefit and credit of the City, and result in a great saving of expense, were some one gentleman of the legal profession retained to take charge of all the cases in which the City may be a party, and to be consulted, as occasion may require, by the Executive officer of the City, and any Committee of either Board. Would it not save far more to the City than the amount of compensation necessary to secure the service? It is proper I should add, in making this suggestion, that it is done without the slightest reference whatever to any particular individual, other than the gentleman, every way deemed competent for the office of Solicitor, who now has in charge for the City the case in relation to the title of the land under the Allston School House.

It fell to me, I am happy to be able to say it, at each of the periods in which I was before in office, to recommend the establishment of a Police Court. The objections, on account of apprehended expense, which, for several years, prevented the adoption of the recommendation, at length gave way to the urgent reasons for the measure; the Court has been established, and conducted with an impartiality, uprightness, and ability, which have won for it the respect and confidence of the community; secured a more prompt as well as a more equal administration of justice; and returned annually to the treasury, in fees accruing to the City, full $1,000 more than the salary of the Justice and other costs of the Court. I will add, that the salary of the Justice will, as I am informed, under

the newly Revised Statutes, be paid by the Commonwealth, and the costs and fees, that have heretofore accrued to the City, will be paid into the County Treasury, excepting officers' fees, which will still belong to the City.

To return, however, from this digression, to the subject of the highways; the question presents itself, Is it possible to effect any considerable reduction of the expenditure in this department? I apprehend, that any expectation of such a result, for the coming year, will meet with disappointment. I wish it were in my power to give assurance to the contrary; but there are several causes which will still operate to render a large expenditure unavoidable. Unsettled claims for land damages and costs in past and present suits, I have already referred to, and they are among the causes. Besides these, contracts have been made for work of considerable magnitude, which work has been commenced, but not completed. These contracts must be fulfilled in good faith, by the City, and any damages done to individuals must be settled. More paving seems to be required, particularly on Harvard Street, in the First Ward, between the Square and the junction of Main Street, provided both tracks of the Railroad be permitted to remain; for it is impossible, otherwise, to keep the street in that condition which the law requires, viz., that of being "safe and convenient for the public travel."

Suitable material for the repair of our roads is not to be obtained within the limits of our City, and the great distance of our gravel bank, situated on the westerly side of Fresh Pond, in the town of Belmont, very much enhances the cost of teaming.

Much damage, I am informed, continues to be done to the streets by persons in the employment of the Gas Company and Water Works, who break up the ground to make repairs at all seasons of the year, and seldom, if ever, leave it in as good condition as before. Particularly is this the case when the ground is broken in the winter, it being difficult, if not impossible, so to return the gravel in its frozen state, that, when the frost comes out of the ground, the street shall not be in a dangerous condition. I deem it my duty to suggest

the propriety of an ordinance to prohibit the breaking up of the streets for any purpose whatever, unless it be done under the personal direction and inspection of the Superintendent of Streets. And it gives me pleasure to say, that we have, in that capacity, a gentleman of experience in the business of this department, who has proved himself fully competent to the trust, and faithful in its execution.

The foregoing statement of expenditures in the road department has not included that for repairs of bridges. This item is exceedingly variable from year to year. For the last year it was but $1,151.46, exclusive of the West Boston and Canal Bridges. A very large expenditure will be called for the coming year under this head, if it be found necessary to rebuild the Prison Point Bridge. It is represented to be so much decayed as to be unsafe for the public travel. The last City Council have had the subject under consideration, have advertised for, and received proposals for a part of the work of reconstruction, and have referred the whole matter to the present Council. Whether such repair can be made as will render the bridge sufficiently secure for a few years longer, or whether it shall be rebuilt at a cost of $16,000 or $18,000, and the expenditure defrayed by additional taxation, or the money hired to meet it, is a question which will soon require your maturest consideration.

Brighton Bridge, between Old Cambridge and Brighton, is said to require a new draw. These two items will be in addition to the ordinary expenditure.

The cost of repairs on the West Boston and Canal Bridges is defrayed by the income of the Bridge Fund. This fund, as you are aware, was made over to the City by an act of the Legislature, passed May 30, 1857; the City assuming "the ownership, control, and charge of said bridges," and all liability for damages by reason of defect in them, and giving its bond to the Commonwealth to maintain the bridges "as free public avenues forever." As part of said fund of $100,000, the City was required to take, at their par value, bonds of the Cambridge Railroad Company, which had been received by the Hancock Free Bridge Corporation in compensation

for tolls. These bonds, at par, amounted to $ 33,000. Of the remaining portion of the fund, $ 10,000 were invested in bonds of the City of Boston, $ 10,000 in Stock of the Cambridge City Bank, and, so invested, still remain. The balance, $ 50,000, is in notes of sundry individuals, varying in amounts from $ 2,000 to $ 8,000, and represented by the auditor to be adequately secured, in each instance, by mortgage on real estate, according to the City Ordinance. That this fund of $100,000, supposing it secure against loss under all contingencies, will yield an income sufficient to keep these two bridges in repair forever, is probably more than most persons would venture to assert. As yet but about one half of the interest has been required; so that a surplus is accumulating to meet cases of extra expenditure. This may continue for a few years while the bridges are new; after which the annual charge may be expected to increase from year to year, until they require rebuilding, which will be likely to consume the larger portion of the fund.

Then there is the serious question as to the security of the fund; declared as it is by law to be "the sole and absolute property of said city." The management and control of it "shall be exercised by the City Council of the City of Cambridge." By an ordinance, which may at any time be repealed, it is placed under the care and management of three Commissioners, viz., the Mayor, Treasurer, and Auditor, for the time being. The question cannot fail to suggest itself, whether there is not danger that the control of a fund of $ 100,000 will sooner or later become an object to tempt cupidity to struggle for it at the popular elections? This is a risk we shall be obliged to encounter.

That portion of the fund which is invested in bonds of the Cambridge Railroad, $ 33,000, might seem to that extent to afford a guarantee that the City will abstain from any action in reference to the Railroad which would have a tendency to destroy or essentially impair the value of its own security.

This, however, is not the only, nor the most important, connection of the City with the Railroad. The Charter of the Company was granted in 1853, — giving them authority

to construct a railway along the streets of the City as the Mayor and Aldermen shall determine, authorizing a capital not exceeding $ 300,000, requiring the Company to keep that portion of the streets which they occupy in repair, and providing that the City may, after ten years, purchase, upon certain terms, all the franchise, property, rights, &c., of the Company.

By an Act of 1854, it is provided that the Mayor and Aldermen, after one year from the opening of the road, "may, by vote of a major part thereof, determine that the same, or any part thereof, be discontinued, and thereupon the location shall be deemed to be revoked, and the tracks of said railroad shall forthwith be taken up and removed," at the expense of the Company.

By an Act of 1855, the Company are authorized to issue bonds; which bonds "shall *not exceed the amount of capital stock paid in by the stockholders* of said Company." And yet, they report to the Legislature that they could secure subscriptions to their stock and bonds to the amount of about $ 43,000 only; — of which $ 43,000, paid in cash, $37,000 were taken in bonds, and only $6,000 in stock. How bonds so issued could be legal, I do not understand. Intimately connected with this Railroad, is another Corporation created by the Legislature of 1855, by the name of the Union Railway Company, "*for the purpose of leasing the Cambridge Railroad*, and any other connecting road." The Mayor and Aldermen having "power, at all times, to make all such regulations as to the rate of speed, and manner of running the trains, as the public convenience and safety may require." The capital is not to exceed $ 200,000. Here, then, are two Companies, one to construct a railroad along the streets of our City, and the other to lease it, and together authorized to hold a capital of half a million of dollars. Add to this that the two Companies are substantially under the same management, two thirds of the Directors in each being the same individuals.

The question may well be asked, — Is not this most extraordinary legislation? So far as my information extends, there is nothing like it in the statutes of the Commonwealth.

What now has been the result? The Directors report to the Legislature, under oath, that the cost of the superstructure, including iron, engineering, agencies, &c., has been $ 316,777.14; for a road less than six miles in length, or about $ 53,000 per mile. They report also the cost of equipment, which includes buildings, as well as horses and cars, to have been $ 159,988.04. This report was made a year ago. They report further, that the road is leased to the Union Railway Company for fifty years, from the 25th of May, 1853, they paying, besides taxes, the following, viz:

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| To Stockholders of the Cambridge Railroad Company, 4 1-2 per cent. semiannually, being, on $ 160,000 of stock, | $14,400 |
| To the Bondholders, interest on $ 150,000, | 9,000 |
| And to Trustees of the sinking fund for the redemption of the bonds, one per cent. semiannually, | 3,000 |
| Being an annual rent of | $26,400 |

We find the following then reported, a year ago, under the oath of the Directors, as the condition of the Companies:

| | |
|---|---|
| The Cambridge Railroad cost | $316,777.14 |
| Union Railway, for equipment, | 159,988.04 |
| Joint cost | $ 476,765.18 |

And the net earnings, for the year 1858, were $ 48,473.13,— being a clear dividend of more than ten per cent. upon $476,765, which they report their road and equipment to have cost. If such be the dividend upon this monstrously inflated capital, what has it been upon the actual cash expenditure?

Here surely is a most wonderful result. As a financial operation it is a success, so far as I know, beyond precedent; — certainly beyond the expectation of the most sanguine. To the citizens of Cambridge can they not afford to be generous? Nay, let us rather ask what the citizens of Cambridge have a right to expect?

Consider what great privileges have been granted to these Companies. The franchise of our principal streets conceded to them, without compensation, for their railway tracks,—

though worth to them for that purpose, probably a hundred thousand dollars, and for aught I know, included in their estimate of capital, — for how otherwise it could be so inflated, it is difficult to conceive; the right to break up the central part of our streets, not only once, to lay their rails, but also often to alter and repair; the public travel turned off for the accommodation of the cars; one of our most beautiful squares, — hitherto cherished as an ornament to our City, — appropriated almost exclusively for a station for cars and horses, worth to them, for this purpose, it may be, $ 40,000 or $ 50,000: — these are among the privileges conferred. Benefits and conveniences are enjoyed by the citizens in return, it is true, in the great facilities afforded for passing from place to place. These advantages, however, are not without some, or indeed, many inconveniences, — arising from crowded cars, — the seats, to which our own citizens should have the preference, being pre-occupied by those who come from points beyond our limits, or by parties of pleasure, — inconveniences or disadvantages to many who reside directly upon the line of the road, their dwellings being made, in consequence, less desirable for residence, and of less value if offered for sale. Inconvenience and some risk also attend following, turning out of, or crossing the tracts, so that the light travel avoids the railroad, where practicable, though the distance be increased. Heavy teaming is somewhat aided by occasionally following the track, — an advantage, however, nearly, if not quite, counterbalanced by the necessity, every few minutes, of turning off for the cars, at the risk of the wheels.

But, notwithstanding all inconveniences, the Railroad is regarded with general favor. The benefits are considered far greater than the evils; and by many the road is called a necessity. After the experience we have had, we could not well do without it.

But shall the Companies take advantage of this admission, and, acting on the ground that their road is recognized by the citizens as a necessity, shall they use their power for their own exclusive benefit, and solely to swell their enormous dividends by their tax upon the people? Shall they act in all things as though they had an interest of their own to seek, independent

of, or in opposition to, the interests of the citizens? then will the power they exert become threatening to the rights and interests, and, it may be, to the liberties of the people.

Consider how the case stands. Here are two Corporations, under virtually the same direction, wielding a joint capital of half a million of dollars, exerting a certain control over our principal streets, possessing a monopoly of the transportation of passengers to and from the metropolis, — and all this within the jurisdiction of our City. It is a new and anomalous condition of things. No joint or equal jurisdiction can be recognized in this matter. One, of course, must be subordinate to the other, and there can be no question which it must be.

The government of the City has exclusive control over its highways and streets; — a control which it can neither abdicate, nor suffer to be usurped.

The Corporations were created, and all their powers and privileges granted, not for their benefit, and that they may make large dividends, but for the benefit of our citizens; and, if they lose sight of this, and, regardless of their obligations for benefits conferred, use their powers for selfish and mercenary objects, irrespective of the public good, or the rights and interests of individuals, and seek to control the elections and get possession of the government of the City, — then will they forfeit the privileges which they so much abuse; — and which, in that case, must be taken away from them, and granted to others, who will use them for the benefit of the City.

But we will not give way to such apprehensions. We will not believe that those who manage the Railroad can be so blind to their own interests, as not to see that those interests are safe only as they are made identical with the interests of the City. We trust that they will act upon high-minded and honorable principles, — extending to our citizens all reasonable facilities and accommodations at the lowest rates compatible with a just and equitable return for all the expenditure, with a generous allowance in addition to cover risks.

It is certainly to be desired that the City Government, and the Railroads, and other Corporations, — viz., Gas Light Co.,

and Water Works, should move on harmoniously together. There ought to be no incompatibility of interests. Let the Companies be guided by a spirit of liberality and accommodation. Let them extend their works, and reduce their rates so as to come within the means of the largest possible number of our citizens, and I venture to affirm that the return will be sufficiently ample to compensate for all additional outlay, besides bringing what is of more worth than money, the good will of the people.

There is one other topic, gentlemen, to which I must invite your attention before I conclude, and though it is the last, it is by no means least, — I mean the Financial condition of the City. But upon this topic I must, of necessity, be brief.

It gives me pleasure to say, that, by the reports of the Treasurer and Auditor, the Finances of the City appear to be in a better condition than at the beginning of the last year, or of the one preceding. Nothing has been added to what is called the permanent, (it is surely to be hoped it will not prove to be the *permanent*,) debt of the City, but, on the other hand, there has been a slight diminution, to the amount, viz., of $ 3,600. This left it on the 1st of December, $ 187,092, to which should be added the bonds of the City, $ 50,000, loaned to the Cambridge Water Works, — and making the whole debt, — $237,092. A new Brick School House has been erected in the Third Ward, and paid for, and the county tax, not payable till Dec. 31, was paid in anticipation in the month of November. All this is well. Still it can by no means be said that the City Finances are in a condition at all satisfactory. The whole amount realized from the taxes of the year, and which came in in October and November, has been paid out to take up the temporary notes given for money hired; and the treasury was exhausted on the 1st of December, when it ought to have been in funds, there being then but the small balance of $ 1,696.12; though it has been represented that there was a reserved fund unexpended of $ 10,000, — a fund existing only on paper, not a dollar ever having been in the treasury to represent it.

The demands falling due in December have been met only by hiring money, to the amount already of $ 20,000; and we

shall be obliged to continue hiring to meet current expenditures till the coming in of the taxes again in October next. A similar state of things has existed at the beginning of each of the last few years. The amount hired the last year, from time to time, of individuals and banks, on temporary loans, in anticipation of the taxes, amounted, in the aggregate, to $137,500. The year preceding, it was no less than $156,000. Such is the amount of temporary loans, which absorb the taxes as fast as they come in.

This unfortunate state of things has been ascribed to the change which was made a few years since, in the time for beginning the Financial year. The connection, however, between the supposed cause and the effect it is not very easy to perceive. The time of assessment and collection of taxes remaining the same, what difference can it make as regards the balance of annual receipts and expenditures, whether the account is taken and the balance cast on the 1st of December, or the 1st of March? The taxes coming in in October and November, we should say the treasury is less likely to be exhausted on the 1st of December than at any other time in the year. The only satisfactory explanation of this state of things, and there is no doubt in my mind of its being the true one, is, that the current expenditures have been, from year to year, outrunning the receipts, until, in addition to a debt of $187,000, — or, including the Bonds of the City loaned to the Water Works, $237,000, — the entire revenue of the year has been expended ten months in anticipation of the taxes.

Some remedy should be found, if possible, for this state of things. The interest we pay for these temporary loans is no small item in the year's expenditure. It has always been necessary, since my acquaintance with the financial affairs of the City, to hire money in anticipation of the taxes, but it was of small amount, seldom more than $10,000, and the Treasurer was not obliged to resort to it more than once or twice in the course of the year.

In this condition of the treasury, and under the obvious disadvantages to which it subjects us at the very outset in conducting the administration, we must look to our fellow-

citizens for a candid and considerate judgment, and for a willingness to aid us in the endeavors we may make to restore our finances, if possible, to a sounder condition. We cannot promise, this year, a low rate of taxation. The demands on the treasury, and there are many to come in from the doings of the past, must be promptly met. Careful supervision must be exercised over the expenditure of the public money, to guard against improvidence and waste, to curtail wherever it can be done without detriment to important interests, and to stop effectually every expenditure that is not clearly authorized, and evidently useful. We should aim at the just medium between extravagance on the one hand and parsimony on the other. This will not be a popular measure. A free expenditure of the public money gives more general satisfaction. The City is expected to pay more liberally than an individual for service done; and the charges are made accordingly. This ought not so to be. It is an injustice; as the excess extorted in one department will operate probably to the detriment of some other.

We have about $20,000,000 of taxable property. An assessment of $8.50 on a thousand, which is a slight reduction from that of last year, will give us, if all is collected, $170,000; and, I should hope, by a strict economy and careful supervision, to be able, with that sum, added to the ordinary ways and means, to meet all the demands of the year.

And now, gentlemen, in bringing this address, already too much protracted, to a close, allow me to express the earnest hope, that a spirit of cordial harmony may prevail in our counsels. May we be disposed to co-operate in all our endeavors for the public good. May we remember, at all times, our responsibility for an independent, upright, and faithful execution of the trusts committed to us; and may we look to that Being, who is the source of all wisdom, to guide us by His counsel, and cause our efforts in the public service to redound to His honor, and the prosperity and happiness of the people, whose interests, for the time being, are entrusted to our hands.

JAMES D. GREEN.

# REPORT

OF THE

# COMMITTEE ON FINANCE.

The Joint Standing Committee on Finance respectfully submit their

## REPORT

FOR THE FINANCIAL YEAR ENDING DECEMBER 1, 1859.

The Committee have prepared and herewith submit a statement of the receipts and expenditures for the year, giving in detail the amount of the appropriations and of the expenditures in each department.

They have examined the accounts of the Treasurer, with his books and vouchers, and also of the Auditor, by a Sub-Committee, whose Report is hereto annexed. They have also, by another Sub-Committee, prepared a schedule of the city property, both real and personal, and have given an estimate of its value, excluding the Dana Library, Burial Grounds, and Public Commons. They also subjoin a statement of debts due the city, and of the city debt.

The debt of the city on the first day of December, 1858, amounted to $ 190,692.00, exclusive of the Water Loan of fifty thousand dollars, and a temporary loan of ten thousand dollars. During the past year the temporary loan has been paid, and the permanent debt has been reduced $ 3,600.00, leaving the amount of the city debt on the first day of December, 1859, $ 187,092.00.

The debts due the city, exclusive of the Bridge Fund, amount to $ 59,060.75.

| | | |
|---|---|---|
| The tax assessed for city purposes was | | $ 168,415.93 |
| County tax, | | 11,931.87 |
| State tax, | | 5,196.00 |
| Total taxes assessed, | | $ 185,543.80 |
| Of the foregoing amount there have been collected | $ 153,466.98 | |
| Discounted, | 6,123.27 | |
| Abated, | 4,156.16 | $ 163,746.41 |
| Balance uncollected, | | $ 21,797,39 |
| Of the tax for 1858, there remained uncollected December 1, 1858, | | $ 25,334.45 |
| Of that amount there have been collected, | $19,386.91 | |
| Discounted, | 4,466.76 | |
| Abated, | 38.19 | $ 23,891.86 |
| Balance uncollected, | | $ 1,442.59 |
| Of the taxes for 1856 and 1857, there remained uncollected December 1, 1858, | | $ 2,424.86 |
| Of that amount there have been collected, | $ 750.37 | |
| Abated, | 1,375.54 | $ 2,125.91 |
| Balance uncollected, | | $ 298.95 |

Of the taxes for former years there remained uncollected on the first day of December, 1858, $ 4,637.51. No report has been received from the former collector, Mr. A. J. Webber, nor has any portion of the above taxes been paid into the Treasury during the present year.

| | | |
|---|---|---|
| The amount of drain taxes committed to the Treasurer in 1859, was | | $ 5,398.34 |
| Amount collected, | $ 1,121.36 | |
| Abated, | 13.04 | $ 1,134.40 |
| Balance uncollected, | | $ 4,263.94 |

| | | |
|---|---|---|
| The amount of former drain taxes remaining uncollected December 1, 1858, was | | $ 4,868.18 |
| Amount collected, | $ 2,527.99 | |
| Abated, | 274,21 | $ 2,802.20 |
| Balance uncollected, | | $ 2,065.98 |
| The amount of grading taxes committed to the Treasurer for collection in 1859 was | | $ 88.72 |
| Amount collected, | | 78.96 |
| Balance uncollected, | | $ 9.76 |
| The amount of grading taxes uncollected December 1, 1858, was | | $ 3,112.98 |
| Amount collected, | $ 811.68 | |
| Abated, | 368.45 | $ 1,180.13 |
| Balance uncollected, | | $ 1,932.85 |

The valuation of estates and personal property as taken from the Assessors' books was as follows:

| | Polls. | Real Estate. | Personal Estate. |
|---|---|---|---|
| District I. | 1304 | $ 5,569,700 | $ 3,016,000 |
| " II. | 2725 | 6,170,800 | 2,077,200 |
| " III. | 1543 | 2,941,700 | 827,600 |
| Total Real, | | $ 14,682,200 | $ 5,920,800 |
| " Personal, | | 5,920,800 | |
| Total valuation, | | $ 20,603,000 | |

The rate of assessment was $ 8.60 on $ 1000, from which, if you deduct the discount allowed of four per cent., you will find the net assessment to be but $ 8.26.

The amount of receipts and expenditures for the year is as follows:

| | |
|---|---|
| Balance in the hands of the Treasurer, December 1, 1858, | $ 7,355.22 |
| Receipts from Taxes, | 173,604.26 |
| Amount carried forward, | $ 180,959.48 |

| | |
|---|---|
| Amount brought forward, | $ 180,959.48 |
| Receipts from Drain Taxes, | 3,649.35 |
| " " Grading " | 890.64 |
| " " Dog " | 752.00 |
| " " Hay Scales, | 450.00 |
| " " Sundry Licenses, | 130.00 |
| " " Cemetery, | 2,050.95 |
| " " Almshouse, | 3,839.75 |
| " " Land sold, | 2,377.96 |
| " " Police Court, | 3,500.00 |
| " " " Officers' Fees, | 326.36 |
| " " On Losses by Fire, | 2,070.57 |
| " " School Fund, | 918.12 |
| " " State Pauper Account, | 156.00 |
| " " Hopkins School Fund, | 434.66 |
| " " Cam'dge Water Works, Int'est, | 3,000.00 |
| " " Commissioners of Bridge Fund, | 3,313.17 |
| " " State of Mass. for Fort Wash'on, | 2,000.00 |
| " " Executors of Thomas Dowse, | 500.00 |
| " " Rent of City Hall, | 747.00 |
| " " Sundry Loans, | 152,500.00 |
| " " Other sources, | 932.86 |
| Amount reported by Treasurer, | $ 365,498.87 |

The aggregate expenditures for City purposes were

| | |
|---|---|
| Cash paid State Tax, | $ 6,228.00 |
| " " County " 1858, | 10,957.85 |
| " " " " 1859, | 11,931.87 |
| " " D. McFarland, Note, | 3,000.00 |
| " " Nancy Nash, " | 800.00 |
| " " J. M. Lassell, " | 800.00 |
| " " David Hill, " | 5,000.00 |
| " " Plymouth Savings Bank, Note, | 5,000.00 |
| " " H. L. Stone, " | 2,000.00 |
| " " Phillips Academy, " | 2,000.00 |
| " " Interest on Water Loan, | 3,000.00 |
| Amount carried forward, | $ 50,717.72 |

| | |
|---|---|
| Amount brought forward, | $ 50,717.72 |
| Cash paid Interest on Temporary Loan, | 3,128.66 |
| " " " " Permanent " | 10,856.22 |
| " " Trustees Dowse Institute, | 600.00 |
| " " Temporary Loans, | 147,500.00 |
| " " Sundry Warrants and Mayor's Drafts, | 151,000.15 |
| Balance in the Treasurer's hands, | 1,696.12 |
| | $ 365,498.87 |

It will be seen by the Treasurer's Report, that he has anticipated the payment of the County Tax, due December 31, and that he has thereby reduced the cash in the Treasury at the close of the financial year, from $ 13,627.99, to $ 1,696.12.

The finances of the City are in a more satisfactory condition than they have been for several years past; as we find remaining at the close of the financial year, not only the appropriation for a reserved fund, amounting to $ 10,000, unbroken, but unexpended balances of the specific appropriations to the amount of $ 6,272.71.

All of which, together with the accompanying documents, as forming a part of this Report, is respectfully submitted.

JOHN SARGENT,
A. K. P. WELCH,
JAMES C. FISK,
JOHN LIVERMORE,
T. B. G. MESSINGER,
CHARLES T. RUSSELL,
J. SHEPARD,
M. T. BIGELOW.

} Committee on Finance.

*Cambridge, December* 28, 1859.

## CITY OF CAMBRIDGE.

In Common Council, Dec. 28, 1859.

Accepted and sent up for concurrence.

Attest: JAMES M. CHASE, *Clerk.*

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*In Board of Aldermen, Dec.* 28, 1859.

Concurred.

Attest: JUSTIN A. JACOBS, *City Clerk.*

# REPORT

*Concerning the Accounts of the Auditor and Treasurer.*

In Committee on Finance, Dec. 29, 1859.

The Sub-Committee appointed by the Committee on Finance, to examine the accounts of the City Auditor and City Treasurer, for the financial year commencing on the first day of December, 1858, and ending on the first day of December, 1859, and also to examine the Notes and other Securities in the hands of the Treasurer, have attended to the duty assigned them, and ask leave to

REPORT:

That your Committee find the accounts of both these officers have been correctly kept.

The Treasurer has satisfactory vouchers for all payments made by him, and your Committee submit a schedule of said payments arranged under their appropriate heads.

They also submit a schedule of notes and accounts due to the city, and of the city debt, together with a copy of the Treasurer's account, which shows a balance in his hands of $ 1,696.12, — one thousand six hundred and ninety-six dollars and twelve cents.

All which is submitted.

A. K. P. WELCH,
JAMES C. FISK,
JARED SHEPARD,
} *Sub-Committee.*

# SCHEDULE OF EXPENDITURES

FOR THE FINANCIAL YEAR ENDING DECEMBER 1, 1859.

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## FOR INSTRUCTION OF PUBLIC SCHOOLS.

| | | |
|---|---|---|
| Lyman R. Williston, | Instruction, | 1,237.50 |
| William F. Bradbury, | " | 1,225.00 |
| Daniel Mansfield, | " | 1,200.00 |
| A. B. Magoun, | " | 1,200.00 |
| B. W. Roberts, | " | 1,200.00 |
| A. C. Smith, | " | 1,200.00 |
| Francis Cogswell, | " | 1,200.00 |
| R. H. Fletcher, | " | 1,191.66 |
| Charles M. Dinsmoor, | " | 963.63 |
| J. K. Merrill, | " | 104.17 |
| Mary F. Pierce, | " | 525.00 |
| Rutharia Bates, | " | 425.00 |
| Caroline Child, | " | 300.00 |
| Fanny L. E. Hastings, | " | 275.00 |
| Catharine B. West, | " | 375.00 |
| Mary E. Rice, | " | 375.00 |
| Lucille C. Bancroft, | " | 375.00 |
| Jane Dallinger, | " | 375.00 |
| E. K. Brackett, | " | 375.00 |
| Catharine Richardson, | " | 375.00 |
| H. A. Dodge, | " | 375.00 |
| Esther M. Noyes, | " | 375.00 |
| Abbie H. Hill, | " | 375.00 |
| Betsey T. Capen, | " | 375.00 |
| S. M. Burnham, | " | 375.00 |
| Hannah C. Bryant, | " | 375.00 |
| Sarah H. Page, | " | 375.00 |
| Amount carried forward, | | $ 17,121.96 |

| | | |
|---|---|---|
| Amount brought forward, | | $ 17,121.96 |
| Adeline M. Ireson, | Instruction, | 375.00 |
| R. C. Wyman, | " | 375.00 |
| Perryntha T. Davis, | " | 375.00 |
| Lucy A. Downing, | " | 367.69 |
| Harriette E. Reed, | " | 350.00 |
| F. L. D. Strong, | " | 345.83 |
| L. A. Stockbridge, | " | 328.12 |
| Sarah F. Kelley, | " | 325.00 |
| Susan Sparrow, | " | 325.00 |
| Mary M. Jones, | " | 325.00 |
| Mary A. Tarbell, | " | 325.00 |
| Elizabeth E. Dallinger, | " | 325.00 |
| Ariadne Blish, | " | 325.00 |
| Eleanor Safford, | " | 325.00 |
| Martha H. Clarence, | " | 325.00 |
| Harriet A. Butler, | " | 325.00 |
| Maria L. Mitchell, | " | 325.00 |
| Mary G. Robie, | " | 325.00 |
| Mary S. Gould, | " | 325.00 |
| Martha H. Butler, | " | 325.00 |
| Frances A. Hyde, | " | 325.00 |
| Sarah J. A. Davis, | " | 325.00 |
| Matilda Morse, | " | 321.87 |
| C. F. Barnes, | " | 318.75 |
| Annie M. Gurney, | " | 318.75 |
| J. R. Bridges, | " | 318.75 |
| Catharine E. Metcalf, | " | 306.25 |
| Martha A. Skinner, | " | 304.17 |
| Martha B. Stevens, | " | 300.00 |
| Louisa D. Bullard, | " | 293,75 |
| Isabella E. Kelsey, | " | 281.25 |
| L. M. Lunt, | " | 281.25 |
| C. E. Morrison, | " | 262.50 |
| Eliza R. Spalding, | " | 250.00 |
| Hannah N. McCurdy, | " | 243.75 |
| Amount carried forward, | | $ 28,314.64 |

| | | |
|---|---|---|
| Amount brought forward, | | $ 28,314.64 |
| Eleanor E. Russell, | Instruction, | 243.75 |
| Ada H. Wellington, | " | 243.75 |
| Emma T. Wyeth, | " | 243.75 |
| Elizabeth F. Banks, | " | 237.50 |
| Annie E. Priest, | " | 235.41 |
| E. B. Winnett, | " | 225.00 |
| Ann J. Johnson, | " | 212.50 |
| Martha E. Redman, | " | 212.50 |
| Frances A. Kent, | " | 204.68 |
| Harriet W. Willard, | " | 200.00 |
| Clara C. Bowen, | " | 192.24 |
| Annie B. Josselyn, | " | 186.98 |
| A. M. Merriam, | " | 162.50 |
| Mary E. Pear, | " | 162.50 |
| Ann C. Stewart, | " | 156.25 |
| Olive J. Hanscom, | " | 156.25 |
| Anna J. Winnett, | " | 150.00 |
| Cordelia Harmon, | " | 150.00 |
| Emeline Sparrow, | " | 150.00 |
| Louise S. Rolfe, | " | 125.00 |
| Frances J. Harrod, | " | 117.25 |
| Ellen M. Sawyer, | " | 110.41 |
| Mary E. Hastings, | " | 101.56 |
| Mary E. Sawyer, | " | 93.75 |
| Martha A. Mansfield, | " | 93.75 |
| A. M. Morrison, | " | 81.25 |
| S. L. Lathe, | " | 81.25 |
| Ann Lewis, | " | 81.25 |
| Charlotte L. Wheeler, | " | 81.25 |
| Betsey A. Dustin, | " | 81.25 |
| Eliza Gould, | " | 81.25 |
| Jane J. Adams, | " | 81.25 |
| Sarah T. Hobbs, | " | 75.00 |
| M. B. Merriam, | " | 61.83 |
| Henrietta L. Quimby, | " | 56.25 |
| Amount carried forward, | | $ 33,443.75 |

| | | | |
|---|---|---|---|
| Amount brought forward, | | $ 33,443.75 | |
| Helen J. Heffron, | Instruction, | 50.00 | |
| Mary G. Kelley, | " | 33.33 | |
| Maria E. Jones, | " | 18.75 | |
| A. L. Lunt, | " | 14.06 | |
| Susan M. Cochran, | " | 11.50 | |
| Ellen F. Boardman, | " | 4.16 | |
| | | | 33,575.55 |
| Nathan Lincoln, | Music, | 1,000.00 | |
| | | | 1,000.00 |

SCHOOL COMMITTEE.

| | | | |
|---|---|---|---|
| Charles A. Skinner, | services, | $ 160.00 | |
| Ezra Ripley, | " | 100.00 | |
| William P. Page, | " | 90.00 | |
| James C. Merrill, | " | 90.00 | |
| Moses Clarke, | " | 85.00 | |
| Henry Thayer, | " | 85.00 | |
| J. R. Morse, | " | 80.00 | |
| Caleb D. Bradlee, | " | 80.00 | |
| Samuel Sawyer, | " | 80.00 | |
| A. M. Averill, | " | 68.50 | |
| A. S. Kelly, | " | 50.00 | |
| | | | 968.50 |
| | | | $ 35,544.05 |

| | | | |
|---|---|---|---|
| Appropriation, | $ 34,500.00 | | |
| Additional do., | 1,500.00 | | |
| | | $ 36,000.00 | |
| Amount of Expenses, | | 35,544.05 | |
| Balance unexpended, | | 455.95 | |

HOPKINS FUND.

| | | | |
|---|---|---|---|
| L. R. Williston, (Principal of High School,) | | 450.00 | |
| | | | $ 450.00 |
| Balance of former account, | $ 308.45 | | |
| Am'nt received of Trustees, | 434.66 | | |
| | | 743.11 | |
| Amount of Expenses, | | 450.00 | |
| Balance unexpended, | | $ 293.11 | |

FOR CARE, &c., OF SCHOOL HOUSES.

| | |
|---|---|
| H. Danforth, care of houses, fires, &c., | 814.52 |
| Joseph Brackett, " " " " | 161.00 |
| George McNall, " " " " | 143.25 |
| J. S. Claflen, " " " " | 125.00 |
| John Pear, " " " " | 60.00 |
| H. H. Eames, " " " " | 60.00 |
| Evangelical Congregational Society, rent of vestry, | 116.67 |
| Second Universalist Society, do. | 87.50 |
| Evangelical Congregational Society, extra insurance, | 35.00 |
| Second Universalist Society, do. | 24.57 |
| Thurston, Miles, & Pritchett, printing, | 69.36 |
| John Ford, " | 34.00 |
| James M. Thurston, " | 31.00 |
| John D. Baldwin, " | 24.82 |
| Samuel James, postage stamps, | 8.45 |
| William Hunnewell, books, stat'nery, &c. | 136.81 |
| James Munroe & Co., " " " | 50.02 |
| D. W. Niles, " " " | 40.36 |
| R. Litchfield, jr., " " " | 10.00 |
| Sever & Francis, " " " | 9.69 |
| A. M. Averill and J. M. Marsters, " " " | 4.90 |
| C. A. Callender, " " " | 4.02 |
| John Bartlett, " " " | 2.77 |
| A. C. Smith, " " " | 1.35 |
| J. Mason, " | 51.16 |
| Little, Brown, & Co., " | 13.20 |
| Daniel Mansfield, " and binding, | 5.03 |
| William Henshaw, maps, | 31.50 |
| E. P. Dutton & Co., " | 9.00 |
| D. Dwight Willard, Agent, Redfield's Chart, | 10.00 |
| Eayrs & Fairbanks, globe, | 7.00 |
| Amount carried forward, | $ 2,181.95 |

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| Amount brought forward, | $ 2,181.95 |
| D. U. Chamberlin, ink, hardware, &c., | 40.29 |
| A. H. Ramsay, " | 5.50 |
| Joseph Studley, " &c., | 3.75 |
| A. R. Bayley, alcohol, | 25 |
| Whitney & Brackett, chairs and settees, | 16.38 |
| A. M. Averill, & J. M. Marsters, table, | 4.50 |
| Gault & Hanson, " | 2.00 |
| A. C. Smith, wash-stand, | 75 |
| Whitney and Brackett, bell, thermometer, &c., | 6.00 |
| William F. Bradbury, " | 33 |
| William Hall & Co., keys, and repairs of lock, | 1.25 |
| William H. Wilson, Agent, clock and repairs, | 12.50 |
| J. F. Scanlan, repairs of clock, | 6.25 |
| J. S. Claflen, " | 8.48 |
| H. Snow, " | 5.50 |
| John Pear, " | 75 |
| Moses Ricker, " of windows, | 6.00 |
| A. C. Smith, " " chair, | 1.33 |
| N. S. Walton, painting and glazing, | 3.66 |
| G. J. Bennink, box and shelves, | 2.19 |
| William Hunnewell, brushes, dusters, &c., | 47.21 |
| J. A. Holmes & Co., mats, brooms, " " | 19.45 |
| Whitney & Brackett, " " " " | 8.55 |
| John B. Atwill, " " " " | 2.50 |
| Samuel James, " " " " | 1.58 |
| Edward Hyde, dusters, cotton, &c., | 7.11 |
| John S. Bates, ribbon, | 1.88 |
| Donnell & Moore, cups, mugs, &c., | 4.67 |
| H. Danforth, screening coal, | 26.25 |
| H. Danforth, use of carpet for High School exhibition, | 6.50 |
| J. B. Snow, use of horse and sleigh, | 3.50 |
| Amount carried forward, | $ 2,438.81 |

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| Amount brought forward, | | $ 2,438.81 |
| J. S. Claflen, moving school furniture, | | 1.68 |
| James O. Drown, " " " | | 1.50 |
| David S. Buck, truckage, | | 75 |
| Brigham's Express, " | | 50 |
| S. J. Wright, labor, | | 3.00 |
| Ann Carmichael, sweeping and cleaning, | | 71.90 |
| Ellen Sullivan, " " | | 38.75 |
| Caroline Rome, " " | | 28.00 |
| Ellen Breen, " " | | 27.50 |
| Mary Foy, " " | | 18.00 |
| Bridget Carmichael, " " | | 13.00 |
| A. McNally, " " | | 12.00 |
| Mrs. Dowley, " " | | 8.50 |
| Eliza Kelsey, " " | | 6.57 |
| Elizabeth McElroy, " " | | 5.25 |
| John Pear, " " | | 75 |
| Joseph Brackett, " | | 6.00 |
| G. W. Lewis, cleaning windows, | | 11.60 |
| John Ryder, " " | | 8.67 |
| Peter Lynch, " cellar, | | 2.00 |
| | | $ 2,704.73 |

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| Appropriation, | $ 2,800.00 |
| Amount of Expenses, | 2,704.73 |
| Balance unexpended, | 95.27 |

FOR REPAIRS OF SCHOOL HOUSES.

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| S. P. Clark, labor and materials for repairs, | 558.70 |
| John A. Ellis & Co., " " " | 74.72 |
| O. Clark, " " " | 43.69 |
| Benjamin F. Davies, " " " | 35.29 |
| R. Litchfield, " " " | 30.96 |
| A. Stevens & Co., " " " | 20.84 |
| Levi Perkins, " " " | 15.59 |
| John B. Atwill, " " " | 6.00 |
| Amount carried forward, | $ 785.79 |

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| Amount brought forward, | $ 785.79 |
| Nathaniel Jenkins, labor and materials for repairs, | 5.31 |
| William Clark, repairs, | 8.75 |
| H. & F. Stimpson, " of furnaces, &c., | 609.37 |
| R. & R. W. Lamson, " " " | 36.10 |
| John G. Copp, " " | 3.00 |
| J. M. Price, " " stoves, &c., | 90.82 |
| William B. Berry, " " " | 48.39 |
| Eaton & Haley, " " " | 47.45 |
| Henry Lamson, " mason-work, | 24.30 |
| M. Norton, " " | 22.74 |
| Joseph E. Burpee, " " | 20.47 |
| George L. Grant, repairing plastering, white-washing, &c., | 34.00 |
| H. May, " " | 11.00 |
| Henry A Bacon, " " &c., | 12.75 |
| John S. Pollard, " " | 7.00 |
| Robert B. Howe, " slating, | 57.43 |
| Thomas Coyle, " " &c., | 23.51 |
| J. M. Price, stove, repairing, &c., | 47.45 |
| John Hackett, whitewashing, | 52.75 |
| Sherriff & Draper, gravel, | 2.80 |
| A. H. Pickett, spreading " | 50 |
| Oliver Hastings, lumber, | 70.06 |
| Gale & Dudley, " | 12.97 |
| John A. Ellis & Co., boards and planing do., | 3.38 |
| Binney Heirs, land to enlarge school-house lot, | 315.00 |
| W. G. Shattuck, school furniture, | 353.93 |
| Charles E. Hills, bookcase, | 13.00 |
| D. U. Chamberlin, clock, mats, &c., | 20.15 |
| Seth W. Fuller, gong-bell and hanging do. | 10.00 |
| John Pear, lock and keys, | 1.50 |
| Amount carried forward, | $ 2,751.67 |

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| Amount brought forward, | | $ 2,751.67 |
| I. P. Estes, keys, | | 75 |
| Edmund Train, nails, | | 3.50 |
| J. H. & J. P. Thayer, painting & glazing, | | 174.90 |
| James Boardman, | " " | 120.94 |
| J. L. Sawyer, | " " | 33.08 |
| E. T. Tufts, | " " | 16.60 |
| Cambridge Water Works, water rent, | | 21.33 |
| George McNall, cleaning cellar, &c., | | 10.00 |
| James Wyman, cleaning vaults, | | 18.00 |
| J. Fowler, repairing | " | 18.00 |
| H. Danforth, removing ashes, &c., | | 15.64 |
| John Pear, work on coal, | | 2.00 |
| | | $ 3,186.41 |

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| Appropriation, | $ 2,500.00 | |
| Additional do., | 750.00 | |
| | | $ 3,250.00 |
| Amount of Expenses, | | 3,186.41 |
| Balance unexpended, | | 63.59 |

FOR ALMSHOUSE.

| | | |
|---|---|---|
| Jacob Hanscom, Warden, salary, | | 500.00 |
| Mrs. Hanscom, Matron, | " | 100.00 |
| Moses Clarke, Physician, | " | 125.00 |
| K. Atkinson, Chaplain, | " | 100.00 |
| George W. Fifield, Clerk, | " | 25.00 |
| Jacob Hanscom, sundry small bills, | | 123.42 |
| Marshall & Newton, meat, | | 240.49 |
| S. F. Woodbridge, | " | 211.21 |
| J. R. Woodbridge, | " | 195.84 |
| John Butterfield, | " | 33.84 |
| Robbins & White, | " | 18.62 |
| Davis & Bates, grain and meal, | | 972.22 |
| John B. Atwill, " | " | 2.40 |
| Amount carried forward, | | $ 2,648.04 |

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| Amount brought forward, | | $ 2,648.04 |
| William Wright, bread and yeast, | | 155.07 |
| Humphrey & Fisk, flour, | | 201.75 |
| Samuel James, | " | 157.50 |
| Davis & Taylor, | " | 107.75 |
| Tarbell, Dana & Co., | " | 71.50 |
| John B. Atwill, | " | 58.75 |
| William Hunnewell, | " | 36.50 |
| Charles Kimball, | potatoes, | 113.07 |
| Belknap, Winch & Co., | " | 19.03 |
| Joseph W. Tuttle & Son, | " | 11.70 |
| John B. Atwill, | " | 2.10 |
| Wason, Peirce & Co., | sugar, | 82.50 |
| Daniel Goodnow & Co., | " | 5.54 |
| Wason, Peirce & Co., molasses, rice, pepper, &c., | | 81.47 |
| Sawtell & Hartshorn, molasses, | | 31.50 |
| Tarbell, Dana & Co., | " | 42.60 |
| William Hunnewell, | butter, | 18.66 |
| Jesse Fogg, | " | 8.76 |
| Joseph W. Tuttle, | " | 4.62 |
| M. H. Morse, | " | 2.08 |
| Joseph W. Tuttle & Son, butter and beans, | | 51.87 |
| William Hunnewell, | " | 21.23 |
| Dana, Farrar & Hyde, tea, rice, and molasses, | | 140.51 |
| Wason, Peirce & Co., | tea and chocolate, | 64.88 |
| Tarbell, Dana & Co., | " " | 56.32 |
| B. Leavitt & Co., | fish, | 32.30 |
| J. Whipple, | " | 28.34 |
| Joseph W. Green, | " | 13.31 |
| John B. Atwill, | " | 8.00 |
| William Hunnewell, | groceries, | 89.42 |
| John B. Atwill, | " | 48.45 |
| M. H. Morse, | " | 19.77 |
| Tarbell, Dana & Co., raisins and salt, | | 3.10 |
| Amount carried forward, | | $ 4,437.99 |

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| Amount brought forward, | $ 4,437.99 |
| Daniel Goodnow & Co., rum, | 3.30 |
| Wason, Peirce & Co., tobacco, | 37.38 |
| Tarbell, Dana & Co., " and snuff, | 2.05 |
| Francis E. Faxon & Co., boots, shoes, and brogans, | 214.21 |
| C. Hayes, fishing boots, | 16.00 |
| J. H. Bass & Son, shoes, caps, &c., | 1.82 |
| Stone, Wood & Baldwin, dry goods, | 108.74 |
| Tilton, Gregory & Richardson, " " | 43.72 |
| F. E. Saunders, " " | 33.87 |
| Isaac Fenno & Co., clothing, | 87.69 |
| E. C. Stevens & Co., carpeting, | 15.50 |
| Wason, Peirce & Co., soap, oil, and fluid, | 60.82 |
| Samuel James, " salt, &c., | 37.59 |
| Tarbell, Dana & Co., " | 4.18 |
| D. U. Chamberlin, hardware, oil, japan, &c., | 55.20 |
| I. P. Estes, " nails, &c., | 9.67 |
| Daniel Emerson, wood and iron work of sled, | 136.68 |
| Darius Blake, horse shoeing and iron work, | 89.85 |
| G. W. Prince, tin and iron ware, stoves, &c., | 52.10 |
| William Hunnewell, knives and forks, and crockery-ware, | 25.40 |
| Nourse, Mason, & Co., cultivator and garden seeds, | 33.50 |
| Parker, Gannett & Osgood, garden seeds, | 3.52 |
| J. Breck & Son, agricultural tools, | 26.86 |
| John B. Atwill, shovels and nails, | 10.13 |
| William Hunnewell, " | 4.50 |
| Warren Heustis, pear trees, | 75.63 |
| Merritt & Richardson, " " | 35.00 |
| Isaac Fay, elm " | 13.50 |
| Amount carried forward, | $ 5,676.40 |

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| Amount brought forward, | | $ 5,676.40 |
| S. F. Woodbridge, | manure, | 150.00 |
| Union Railway Company, | " | 126.50 |
| Charles F. Burt, | " | 90.00 |
| Gale & Dudley, lumber and lime, | | 172.91 |
| James Wyman, rye straw, | | 20.25 |
| N. Curtis, | " | 9.10 |
| B. Hancock, horse blankets, | | 16.50 |
| C. Dallinger, buffalo robe, | | 7.00 |
| H. D. Smith, use of horses and carriages, | | 21.00 |
| Gale & Dudley, " | " " | 12.00 |
| James Pike, " | " " | 12.00 |
| U. J. Daily, " | " " | 2.00 |
| B. Hancock, harnesses and repairs, | | 38.76 |
| Henry Lamson, repairing walls of alms-house, | | 76.39 |
| Robert B. Howe, repairing slating, | | 72.20 |
| Moses Pond & Co., " | boiler, range, &c., | 31.61 |
| Allen & Mulliken, " | wagons, &c., | 21.44 |
| J. H. Cutter, " | " " | 10.84 |
| T. Clark, " | boots and shoes, | 7.40 |
| Nourse, Mason & Co., repairing hay-cutter, | | 2.00 |
| R. B. Crandall, | window blinds, | 35.00 |
| N. S. Walton, painting | " " | 40.00 |
| O. Clark, hanging | " " &c., | 24.36 |
| James W. Bettinson, carting " | " | 2.00 |
| George O. Danforth, painting window frames, sashes, &c., | | 101.00 |
| Caleb G. Loring & Co., glass, | | 11.00 |
| William M. Mellen, hanging paper, | | 4.75 |
| C. D. Folsom, paper border and hanging, | | 5.32 |
| Thurston, Miles & Pritchett, printing, | | 1.50 |
| I. P. Estes, fireworks, | | 5.61 |
| William Hunnewell, baskets, | | 7.25 |
| William Hunnewell, brooms, brushes, pails, &c., | | 9.58 |
| Howland & Hinckley, pieces of rope, | | 5.89 |
| Amount carried forward, | | $ 6,829.56 |

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| Amount brought forward, | | $ 6,829.56 |
| Ross & Pearce, seine twine, | | 3.28 |
| A. H. Ramsay, medicine, | | 37.98 |
| A. R. Bayley, | " | 3.50 |
| Joseph Studley, | " | 1.57 |
| Warren T. Wright, | labor on farm, | 380.00 |
| Patrick Roach, | " " " | 144.00 |
| Bernard Mc'Carran, | " " " | 36.00 |
| James Carl, | " " " | 25.00 |
| Martin Eddy, | " " " | 19.00 |
| Julia A. Conners, | " as domestic, | 78.00 |
| City of Boston, support of J. H. W., Lunatic Hospital, | | 76.00 |
| City of Boston, | " " paupers, | 49.50 |
| C. J. Adams, | " " prisoners, | 42.56 |
| Walter Welch, | " " children, | 10.50 |
| Town of Stoneham, supplies for O. L. C. and family, | | 65.47 |
| Town of Marblehead, | " " L. C., | 8.75 |
| City of Worcester, | " " C. A. J. and family, | 20.13 |
| Town of Waltham, | " " paupers, | 14.68 |
| State Lunatic Hospital, board of S. F., | | 14.41 |
| W. S. Spring, | supplies for paupers, | 66.50 |
| John B. Atwill, | " " " | 56.00 |
| Samuel James, | " " " | 33.50 |
| V. P. Ricker, | " " " | 16.00 |
| H. P. Low & Co., | " " " | 16.00 |
| William Hunnewell, | " " | 10.71 |
| S. D. Fuller, | " " " | 9.50 |
| Daniel Kelley, | " " " | 6.00 |
| J. Dana Hovey, | " " " | 5.00 |
| Charles Knights, | " " " | 5.00 |
| F. Martin, | " " " | 2.00 |
| D. Messer & Co., | " " " | 2.00 |
| Wyeth & Day, | " " " | 1.77 |
| William Hunnewell, removing | " | 11.70 |
| Amount carried forward, | | $ 8,101.57 |

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| Amount brought forward, | | $ 8,101.57 | |
| Hiram Welch, | removing paupers, | 8.50 | |
| B. F. Bridden, | " " | 5.00 | |
| John C. Willey, | " " | 1.00 | |
| William L. Lockhart, | coffins, | 15.25 | |
| Hiram Welch, | " | 2.00 | |
| J. M. Aiken, | charcoal, | 15.24 | |
| | | | $ 8,148.56 |
| Appropriation, | $ 7,500.00 | | |
| Additional do., | 700.00 | | |
| | | $ 8,200.00 | |
| Amount of Expenses, | | 8,148.56 | |
| Balance unexpended, | | 51.44 | |

FOR LABOR AT STONE LEDGE.

| | | | |
|---|---|---|---|
| John Broply, | labor, | 96.00 | |
| David Barry, | " | 90.00 | |
| Peter Kelley, | " | 66.00 | |
| David Pence, | " | 38.00 | |
| David Nelligan, | " | 22.50 | |
| Michael Hennessy, | " | 17.00 | |
| John Gafferny, | " | 16.00 | |
| Alexander McDermot, | " | 16.00 | |
| Daniel Lary, | " | 8.00 | |
| Alexander Kearon, | teaming stone, | 92.50 | |
| William Connors, | " " | 90.50 | |
| Michael White, | " " | 61.50 | |
| William Adams & Co., | hammers and steel, | 30.72 | |
| Nathan Pratt, | powder and fuse, | 47.25 | |
| Charles Tufts, | " | 6.00 | |
| | | | $ 697.97 |
| Appropriation, | | $ 1.500.00 | |
| Amount of Expenses, | 697.97 | | |
| Transferred, | 204.17 | | |
| | | 902.14 | |
| Balance unexpended, | | 597.86 | |

FOR POLICE AND WATCH.

| | | | |
|---|---|---|---|
| John C. Willey, | Chief of Police, | salary, | 800.00 |
| Joseph Sanderson, | services, | | 730.00 |
| Henry Hayes, | " | | 730.00 |
| Noah M. Cofran, | " | | 730.00 |
| S. M. Parsons, | " | | 730.00 |
| William Twist, | " | | 730.00 |
| William Loughrey, | " | | 730.00 |
| Henry Kinsley, | " | | 730.00 |
| James B. Rice, | " | | 730.00 |
| H. C. Gale, | " | | 728.00 |
| Thomas D. Cook, | " | | 726.25 |
| A. A. Hildreth, | " | | 726.00 |
| B. F. Bridden, | " | | 690.00 |
| Timothy Ames, | " | | 604.25 |
| A. J. Osborn, | " | | 598.00 |
| W. M. Stevens, | " | | 582.00 |
| Almon Lawrence, | " | | 120.00 |
| N. H. Moore, | " | | 107.00 |
| S. M. Frye, | " | | 78.00 |
| Charles F. Davenport, | " | substitute, | 12.50 |
| James M. Hilton, | " | " | 10.00 |
| J. H. Day, | " | " | 7.50 |
| Almon Lawrence, | " | " | 6.25 |
| Lewis Sanger, | " | " | 5.00 |
| James C. Wilder, | " | " | 3.75 |
| William Osborn, | " | " | 3.75 |
| James Stearns, | " | " | 1.25 |
| George D. Eaton, | " | " | 1.25 |
| Samuel Chamberlain, | " | " | 1.25 |
| William Twist, | paid special | policemen, | 10.00 |
| Hiram Welch, | " | " | 5.00 |
| John C. Willey, | conveyance of prisoners, | | 173.40 |
| Joseph Sanderson, | " | " | 26.50 |
| William Twist, | " | " | 20.53 |
| S. M. Parsons, | " | " | 9.50 |
| Amount carried forward, | | | $ 11,896.93 |

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| Amount brought forward, | | | | $ 11,896.93 |
| B. F. Bridden, | conveyance of prisoners, | | | 4.50 |
| Noah M. Cofran, | " | " | | 3.50 |
| Thomas D. Cook, | " | " | | 2.75 |
| Timothy Ames, | " | " | | 2.75 |
| H. C. Gale, | " | " | | 2.60 |
| Henry Hayes, | " | " | | 2.25 |
| S. M. Frye, | " | " | | 1.75 |
| A. J. Osborn, | " | " | | 1.50 |
| William Loughrey, | " | " | | 1.25 |
| A. A. Hildreth, | " | " | | 1.00 |
| William Twist, | conveyance to Reform School, | | | 19.70 |
| Joseph Sanderson, | " | " Lunatic Hospital, | | 15.85 |
| James B. Rice, | " | " | do., | 6.00 |
| William Hunnewell, | supplies for prisoners, | | | 47.15 |
| William Twist, | " | " | | 21.38 |
| Joseph Sanderson, | " | " | | 19.20 |
| S. M. Parsons, | " | " | | 3.36 |
| B. F. Bridden, | " | " | | 25 |
| A. A. Hildreth, | " | " | | 12 |
| William Twist, | aid arresting | " | | 6.50 |
| Henry Kinsley, | " | " | " | 1.50 |
| B. F. Bridden, | " | " | " | 1.25 |
| Joseph Sanderson, | searching for witnesses, | | | 6.00 |
| C. H. Hudson, | " | " | | 5.00 |
| B. F. Bridden, | killing and burying dogs, | | | 27.75 |
| Henry Kinsley, | " | " | " | 14.50 |
| A. A. Hildreth, | " | " | " | 13.50 |
| H. C. Gale, | " | " | " | 12.75 |
| Joseph Sanderson, | " | " | " | 11.50 |
| William Twist, | " | " | " | 8.75 |
| Noah M. Cofran, | " | " | " | 7.25 |
| W. M. Stevens, | " | " | " | 6.00 |
| S. M. Parsons, | " | " | " | 4.50 |
| Amount carried forward, | | | | $ 12,180.54 |

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| Amount brought forward, | $ 12,180.54 |
| Timothy Ames, killing and burying dogs, | 3.75 |
| Henry Hayes, " " " | 2.25 |
| William Loughrey, " " | 2.25 |
| A. J. Osborn, " " " | 75 |
| John C. Willey, " " " | 4.50 |
| James McNall, removing nuisances, | 13.62 |
| William Twist, " " | 2.00 |
| James Wyman, " night soil, | 4.50 |
| James W. Bettinson, truckage of bell, | 3.50 |
| William Twist, carting furniture, | 1.00 |
| James Pike, use of horses and carriages, | 22.50 |
| John C. Willey, " " " | 5.00 |
| S. M. Frye, " " " | 1.00 |
| Joseph Sanderson, burying foundling, | 1.00 |
| Cambridge Gas Light Co., gas for stations and watch houses, | 74.05 |
| R. W. Dickson, gas fixtures, | 18.88 |
| Cambridge Water Works, water rent, | 22.67 |
| Michael Norton, repairing watch house, | 21.08 |
| W. H. Lynn, " plastering and whitewashing cells, | 8.50 |
| George L. Grant, " and whitewashing station, | 4.50 |
| Benjamin F. Davies, " station, | 8.50 |
| Edward Bates, jr., " furnace, &c., | 3.25 |
| William B. Berry, " funnel, &c., | 2.55 |
| Charles E. Russ, fitting " | 4.25 |
| N. S. Walton, painting station, | 8.16 |
| S. M. Parsons, fluid, coal, &c., | 8.09 |
| Joseph Sanderson, " " " | 3.80 |
| J. Dana Hovey, " oil, " | 7.53 |
| William Twist, " " " | 1.64 |
| D. U. Chamberlin, " locks, keys, &c., | 6.76 |
| Joseph Sanderson, " " | 1.93 |
| J. D. Nutting, bolts and washers, | 2.00 |
| Amount carried forward, | $ 12,456.30 |

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| Amount brought forward, | $ 12,456.30 | |
| William Twist, matches and dippers, | 45 | |
| Whitney & Brackett, mattresses, blankets, &c., | 16.00 | |
| F. A. Bradford, watchmen's billies, &c., | 10.04 | |
| N. B. & N. A. Doggett, watchmen's rattles, | 9.00 | |
| William Read & Son, handcuffs, | 9.00 | |
| William Twist, " | 1.25 | |
| John D. Baldwin, printing, | 4.50 | |
| Samuel James, stationery, | 3.55 | |
| William Twist, " &c., | 1.75 | |
| | | $ 12,511.84 |
| Appropriation, | $ 13,500.00 | |
| Amount of Expenses, | 12,511.84 | |
| Balance unexpended, | 988.16 | |

FOR REPAIRS OF ROADS AND SIDEWALKS.

| | | |
|---|---|---|
| George W. Fifield, Superintendent, salary, | 800.00 | |
| Samuel Palmer, rent of stable, | 150.00 | |
| George W. Ames, labor, | 480.00 | |
| John Mellen, " | 420.00 | |
| Jeremiah Haley, " | 384.00 | |
| Dennis Lane, " | 384.00 | |
| Michael Haley, " | 384.00 | |
| William Barnes, " | 384.00 | |
| John Hogan, " | 384.00 | |
| James Fitzpatrick, " | 384.00 | |
| Patrick Gilligan, " | 384.00 | |
| William Dacy, " | 384.00 | |
| Patrick Haley, " | 361.50 | |
| Thomas O'Brine, " | 351.00 | |
| Cornelius Welch, " | 351.00 | |
| John Doherty, " | 351.00 | |
| David Cochlan, " | 351.00 | |
| Amount carried forward, | $ 6,687.50 | |

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| Amount brought forward, | | | $ 6,687.50 |
| Michael Linehan, | " | | 351.00 |
| Thomas McNamara, | " | | 351.00 |
| Michael Smith, | " | | 351.00 |
| Edward Clearon, | " | | 351.00 |
| William Fairbanks, | " | | 263.30 |
| Francis Brown, | " | | 198.00 |
| Daniel Haley, | " | | 117.00 |
| M. Kelley, | " | | 117.00 |
| James McCune, | " | | 117.00 |
| Hiram Jones, | " | | 110.75 |
| Joseph Smye, | " | | 25.87 |
| James Hodge, | " | | 25.00 |
| John Burk, | " | | 21.00 |
| John Ahain, | " | | 21.00 |
| John Callahan, | " | | 20.00 |
| John Murphy, | " | | 20.00 |
| Daniel Murphy, | " | | 20.00 |
| Hugh Lennon, | " | | 18.12 |
| Matthew Doherty, | " | | 13.50 |
| David Haley, | " | | 18.00 |
| Michael Flanery, | " | | 12.74 |
| A. A. Holt, | " | | 10.00 |
| Bernard O'Rourk, | " | | 9.37 |
| A. McCaffrey, | " | | 5.00 |
| James Smith, | " | | 5.25 |
| John Ford, | " | | 3.37 |
| William Kelley, | " | | 3.00 |
| Henry Roach, | " | | 2.50 |
| Edward McElroy, | " | | 2.50 |
| Robert Ross, | " | with teams, | 59.75 |
| A. Hamblet, | " | " " | 3.00 |
| Daniel Murphy, | teaming gravel, | | 328.50 |
| William Black, | " | " | 232.25 |
| Egan, | " | " | 136.00 |
| Blake, | " | " | 105.75 |
| Amount carried forward, | | | $ 10,136.02 |

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| Amount brought forward, | | | $ 10,136.02 |
| Cofran, | teaming | gravel, | 83.25 |
| Maurice O'Connor, | " | " | 67.00 |
| Patrick Riley, | " | " | 62.00 |
| Barney Gorman, | " | " | 45.25 |
| James McCarville, | " | " | 45.00 |
| William Gay, | " | " | 39.75 |
| Philip Doherty, | " | " | 36.00 |
| Christopher Caldwell, | | " | 34.50 |
| Mellen, | " | " | 33.37 |
| J. Cronan, | " | " | 32.00 |
| Alexander Kearon, | " | " | 27.25 |
| Charles Horan, | " | " | 26.00 |
| Peter Connor, | " | " | 25.50 |
| Michael White, | " | " | 25.00 |
| Roger O'Donnell, | " | " | 23.00 |
| William Ellis, | " | " | 18.00 |
| Charles Linehan, | " | " | 14.00 |
| Michael McCabe, | " | " | 13.50 |
| George W. Stacy, | " | " | 12.40 |
| Henry Newman, | " | " | 12.10 |
| Daily, | " | " | 8.50 |
| I. Tibbetts, | " | " | 8.00 |
| Robert Ross, | " | " | 6.50 |
| D. Osborn, | " | " | 5.00 |
| William Sanborn, | " | " | 3.50 |
| W. J. Vickery, | " | " | 3.10 |
| Charles Horan, | " | stone, | 4.00 |
| William Connor, | " | " | 4.00 |
| Alexander Kearon, | " | " | 4.00 |
| Elijah H. Luke, | flag | " | 426.20 |
| John Sargent, | | " | 50.00 |
| A. C. Sanborn & Co., | | " chips, | 3.00 |
| J. W. Presby, laying stone wall, | | | 41.87 |
| Gore, Rose & Co., setting edge stone and paving sidewalks, | | | 167.92 |
| Amount carried forward, | | | $ 11,546.48 |

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| Amount brought forward, | $ 11,546.48 |
| Henry A. Bacon, paving sidewalks, | 3.75 |
| Charles Linehan, grading streets, &c., | 413.60 |
| William Conners, " Kidder's Lane, | 7.56 |
| Charles Horan, " " " | 7.56 |
| Simon P. Clark, contract for building stable, | 1,390.68 |
| Albert Stevens, plans and specification for stable, | 15.00 |
| George W. Stacy, painting stable, | 28.00 |
| J. J. Walworth, iron pipe, &c., for stable, | 38.00 |
| W. A. Munroe, beds, bedding, &c., for stable, | 27.98 |
| Cambridge Water Works, water rent for stable, | 13.75 |
| I. P. Dunham, rent of land, | 10.00 |
| Davis & Bates, grain and meal, | 1,142.14 |
| T. Hastings & Co., " " &c., | 108.78 |
| Amos Carter, hay and straw, | 635.64 |
| J. C. Wellington & Co., hay and straw, &c., | 20.74 |
| A. Hamblet, hay, | 50.09 |
| Burrage, Stickney & Co., lumber for sidewalks, | 437.10 |
| J. Hall & Sons, lumber, | 118.18 |
| Gale & Dudley, " | 40.60 |
| H. & J. S. Bosworth, " | 4.71 |
| Burrage, Shepherd & Co., " and cement, | 80.54 |
| William Jackson, carpenter work, | 138.64 |
| Amos Quimby, driving piles, | 151.25 |
| A. J. Jones, horseshoeing and iron work, | 161.97 |
| H. Finnigan, " " " " | 54.37 |
| R. C. Brown, " " " " | 41.04 |
| Darius Blake, " " " " | 23.12 |
| John Sheen, " " " " | 3.57 |
| Daniel Lehan, " | 19.68 |
| Amount carried forward, | $ 16,734.52 |

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| Amount brought forward, | $ 16,734.52 |
| Stephen Day, iron work and sharpening picks, | 159.68 |
| H. Finnigan, horse cart, | 50.00 |
| Stratton, Sherriff & Co., horse brushes, | 5.00 |
| William Saunders, veterinary attendance and medicine, | 16.00 |
| Thompson's Heirs, gravel, | 163.50 |
| Sheriff & Draper, " | 80.00 |
| John Sargent, " | 11.00 |
| J. D. Jennings, " | 9.50 |
| Robert Ross, " | 7.75 |
| John Wilder, " | 5.10 |
| New England Glass Co., cinders, | 118.00 |
| William Wyman, wood and coal, | 2.75 |
| B. Hancock, repairing harnesses, blankets &c., | 45.82 |
| A. D. Hurd, repairing carts, &c., | 25.00 |
| P. Nutting & Co., " " " | 16.07 |
| E. Munroe, " , " | 22.00 |
| William Jackson, " fences, | 14.25 |
| S. P. Clark, " " | 4.00 |
| James Thwing " jack, | 1.50 |
| T. Hastings & Co., shovels, nails, pick-handles, &c., | 62.52 |
| D. U. Chamberlin, shovels, nails, hoes, &c., | 29.70 |
| Nourse, Mason & Co., plough, &c., | 24.25 |
| J. Dana Hovey, oil, lanterns, nails, &c., | 20.04 |
| J. A. Holmes & Co., oil, soap, &c., | 1.91 |
| Luther Thayer, hay cutter, | 5.00 |
| Joel Robinson, spikes, | 10.63 |
| H. Finnigan, iron rings and staples, | 2.00 |
| E. T. Tufts, painting street signs, &c., | 14.11 |
| A. Hamblet, removing snow, &c., | 6.50 |
| J. Dana Hovey, goods delivered workmen, | 5.00 |
| Amount carried forward, | $ 17,673.10 |

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| Amount brought forward, | $ 17,673.10 | |
| T. P. Lerned, goods delivered workmen, | 5.00 | |
| A. Hamblet, loam for setting trees, | 3.75 | |
| J. Dana Hovey, tubs, saltpetre, &c., | 1.45 | |
| Dodge, Gilbert & Co., stamp, | 2.75 | |
| Thurston, Miles & Pritchett, printing, | 2.50 | |
| Burrage, Stickney & Co., glass broken cracking stone, | 4.00 | |
| Daily & Holmes, use of horse and carriage, | 1.00 | |
| William Hall & Co., keys, | 1.00 | |
| | | $ 17,694.55 |
| Appropriation, | $ 15,000.00 | |
| Additional do., | 2,700.00 | |
| | $ 17,700.00 | |
| Amount of Expenses, | 17,694.55 | |
| Balance unexpended, | 5.45 | |

## FOR THE FIRE DEPARTMENT.

### ENGINEERS.

| | | |
|---|---|---|
| George B. Eaton, Chief Engineer, salary, | 300.00 | |
| Charles B. Stevens, As'tant Engineer, " | 100.00 | |
| A. J. Jones, " " " | 100.00 | |
| George H. Fowler, " " " | 100.00 | |
| Charles L. Russell, " " " | 50.00 | |
| William G. Tarbell, " " " | 29.17 | |
| George H. Fowler, clerk, " | 25.00 | |
| | | $ 704.17 |

### ENGINE COMPANY NO. ONE.

| | | |
|---|---|---|
| Company's Bill, services, | 1,157.63 | |
| Company's Bill, fines of members, | 93.00 | |
| Company's Bill, fuel and lights, | 25.00 | |
| Hunneman & Co., balance on exchange of engines, | 465.00 | |
| Hunneman & Co., altering hose carriage, | 26.00 | |
| Amounts carried forward, | $ 1,776.63 | $ 704.17 |

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|---|---|---|
| Amounts brought forward, | $ 1,766.63 | $ 704.17 |
| Shelton & Cheever, hose, repairs, &c., | 33.37 | |
| Hunneman & Co., repairs, | 39.00 | |
| A. J. Jones, " | 25.86 | |
| J. M. Price, " | 6.50 | |
| Edwards & Sproul, " | 5.25 | |
| N. S. Walton, " | 1.00 | |
| Donnell & Moore, " | 92 | |
| H. & J. S. Bosworth, hauling engine, | 2.00 | |
| E. & S. W. Burpee, " " | 1.50 | |
| George L. Cade, " " | 1.00 | |
| Burrage, Stickney & Co., " | 75 | |
| Joseph D. Barker, services as steward, | 6.25 | |
| James H. Wyeth, pail and sponge, | 38 | |
| J. M. Brigham, truckage, | 1.50 | |
| | | $ 1,891.91 |

ENGINE COMPANY NO. TWO.

| | | |
|---|---|---|
| Company's Bill, services, | 1,426.92 | |
| Company's Bill, fines of members, | 99.50 | |
| Company's Bill, fuel and lights, | 25.00 | |
| Hunneman & Co., altering hose carriage, | 6.00 | |
| Shelton & Cheever, hose, repairs, &c., | 72.38 | |
| William Hall & Co., keys, repairing locks, &c., | 3.45 | |
| Edwards & Sproul, repairs, | 11.74 | |
| George McIntosh, " | 6.25 | |
| H. M. Jones, " | 6.12 | |
| Hunneman & Co., " | 3.75 | |
| C. H. Edwards, " | 2.50 | |
| Eaton & Haley, repairing stove, &c., | 10.00 | |
| James Boardman, setting glass, | 1.50 | |
| G. G. Belcher, painting, | 18.00 | |
| J. N. Smith, " | 2.00 | |
| D. U. Chamberlin, oil, spirits, &c., | 17.10 | |
| George L. Cade, " grease, &c., | 4.29 | |
| Amounts carried forward, | $ 1,716.50 | $ 2,596.08 |

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| Amounts brought forward, | $ 1,716.50 | $ 2,596.08 |
| D. Messer, oil, grease, &c., | 1.44 | |
| Holt & Cragin, hauling engine, | 3.00 | |
| J. M. Brigham, truckage, | 6.37 | |
| | | $ 1,727.31 |

ENGINE COMPANY NO. THREE.

| | | |
|---|---|---|
| Company's Bill, services, | 1,496.26 | |
| Company's Bill, fines of members, | 77.00 | |
| Company's Bill, fuel and lights, | 25.00 | |
| Hunneman & Co., altering hose carriage, | 26.00 | |
| Shelton & Cheever, hose, repairs, &c., | 47.33 | |
| J. M. Price, stove pipe and repairs, | 23.97 | |
| Metropolitan Roofing Company, repairing belfry, | 7.70 | |
| Henry N. Hooper & Co., repairing bell-wheel, | 6.35 | |
| S. A. Davis, repairs, | 24.75 | |
| Joel Robinson, " | 15.85 | |
| Hunneman & Co., " | 6.50 | |
| Edwards & Sproul, " | 6.13 | |
| Benjamin F. Davies, " | 5.00 | |
| J. D. Bowen, " | 3.50 | |
| Henry A. Bacon, " | 3.00 | |
| Cambridge Water Works, water rent, | 15.00 | |
| Alexander Fraser, leathering engine, | 3.50 | |
| E. T. Tufts, setting glass, | 1.25 | |
| William Hall & Co., keys, | 1.42 | |
| Edmund Train, oil, cordage, &c., | 2.24 | |
| William Hunnewell, oil, brooms, &c., | 1.76 | |
| J. L. Bailey, oil can, &c., | 3.84 | |
| Walcott Richardson, hauling engine, | 6.00 | |
| Holt & Cragin, " " | 3.00 | |
| Edmund Train, truckage of bell, | 1.00 | |
| J. M. Brigham, " | 25 | |
| | | $ 1,813.60 |
| Amount carried forward, | | $ 6,136.99 |

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| Amount brought forward, | | $ 6,136.99 |

ENGINE COMPANY NO. FOUR.

| | | |
|---|---|---|
| Company's Bill, services, | 1,353.99 | |
| Company's Bill, fines of members, | 112.50 | |
| Company's Bill, fuel and lights, | 25.00 | |
| Joseph Pierce, services as steward, | 4.38 | |
| Hunneman & Co., altering hose carriage, | 26.00 | |
| Shelton & Cheever, hose, repairs, &c., | 25.76 | |
| William Hall & Co., keys, repairs of locks, &c., | 2.60 | |
| Eaton & Haley, repairing stoves, &c., | 9.11 | |
| J. B. Unruh, repairing bell-frame, | 5.00 | |
| George McIntosh, repairs, | 6.63 | |
| A. J. Osborn, " | 5.71 | |
| J. Pierce, " | 4.75 | |
| B. Hancock, " | 4.17 | |
| Edwards & Sproul, " | 2.25 | |
| Edward Bates, Jr., " | 2.00 | |
| B. L. Wentworth, setting glass, | 1.00 | |
| James Boardman, " " | 50 | |
| J. N. Smith, painting, | 2.00 | |
| Whitney & Brackett, shades and curtains, | 7.10 | |
| Edwards & Sproul, hose ropes, | 3.00 | |
| D. U. Chamberlin, oil, shovels, &c., | 16.47 | |
| George L. Cade, " grease, &c., | 2.79 | |
| D. Messer, " &c., | 1.88 | |
| Holt & Cragin, hauling engine, | 3.00 | |
| George L. Cade, " " | 1.00 | |
| J. M. Brigham, truckage, | 1.88 | |
| | ——— | $ 1,630.47 |

ENGINE COMPANY NO. FIVE.

| | | |
|---|---|---|
| Company's Bill, services, | 770.38 | |
| Company's Bill, fines of members, | 49.00 | |
| Appropriation for incidental expenses, | 150.00 | |
| | ——— | ——— |
| Amounts carried forward, | $ 969.38 | $ 7,767.46 |

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| Amounts brought forward, | | $ 969.38 | $ 7,767.46 |
| Hunneman & Co., altering hose carriage, | | 26.00 | |
| Shelton & Cheever, hose, repairs, &c., | | 42.80 | |
| William Hall & Co., keys, repairing locks, &c., | | 3.10 | |
| Allen & Mulliken, | repairs, | 17.75 | |
| Edwards & Sproul, | " | 15.44 | |
| Hunneman & Co., | " | 13.00 | |
| N. W. Willson, | " | 8.62 | |
| A. J. Jones, | " | 8.00 | |
| J. M. Price, | " | 6.50 | |
| J. H. Cutter, | " | 5.98 | |
| G. W. Prince, | " | 3.87 | |
| Edward Mulliken, | " | 3.13 | |
| James S. Claflen, setting glass, | | 1.23 | |
| John B. Atwill, oil, turpentine, shovels, &c., | | 25.78 | |
| George L. Cade, oil, salt, &c., | | 75 | |
| Allen & Mulliken, hose belts, bucket straps, &c., | | 2.88 | |
| Charles F. Davenport, wash-leather and sponge, | | 3.00 | |
| Walcott Richardson, hauling engine, | | 4.00 | |
| Conant's Express, truckage, | | 1.76 | |
| | | | $ 1,162.97 |

ENGINE COMPANY NO. SIX.

| | | |
|---|---|---|
| Company's Bill, services, | 1,336.81 | |
| Company's Bill, fines of members, | 115.00 | |
| Company's Bill, fuel and lights, | 12.50 | |
| Hunneman & Co., altering hose carriage, | 26.00 | |
| Shelton & Cheever, hose, repairs, &c., | 67.44 | |
| William Hall & Co., keys, repairing locks, &c., | 2.40 | |
| Eaton & Haley, repairs stove, &c., | 55 | |
| Charles H. Megroth, repairs, | 9.23 | |
| Amounts carried forward, | $ 1,569.93 | $ 8,930.43 |

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| Amounts brought forward, | $ 1,569.93 | $ 8,930.43 |
| John S. Pollard, repairs, | 5.00 | |
| R. C. Brown, " | 4.25 | |
| James Murphy, " | 3.50 | |
| Hunneman & Co., " | 3.00 | |
| Edwards & Sproul, " | 3.00 | |
| G. G. Belcher, painting, | 18.00 | |
| Joseph W. Young, " | 4.00 | |
| James Boardman, setting glass, | 1.00 | |
| H. & J. S. Bosworth, lumber, | 3.81 | |
| Edwards & Sproul, hose ropes, | 3.00 | |
| D. U. Chamberlin, oil, spirits, &c., | 11.12 | |
| George L. Cade, " grease, &c., | 2.65 | |
| D. Messer, " brooms, &c., | 2.10 | |
| H. & J. S. Bosworth, hauling engine, | 6.00 | |
| E. & S. W. Burpee, " " | 1.50 | |
| A. J. Pike, " " | 1.25 | |
| Burrage, Stickney & Co., " " | 75 | |
| J. M. Brigham, truckage, | 6.38 | |
| | | $ 1,650.24 |

HUNNEMAN ENGINE COMPANY.

| | | |
|---|---|---|
| Company's Bill, services, | 96.00 | |
| Appropriation for incidental expenses, | 100.00 | |
| | | $ 196.00 |

HOOK AND LADDER COMPANY NO. ONE.

| | | |
|---|---|---|
| Company's Bill, services, | 941.60 | |
| Company's Bill, fines of members, | 69.50 | |
| Company's Bill, fuel and lights, | 15.00 | |
| Shelton & Cheever, repairs, &c., | 22.87 | |
| William Hall & Co., keys, repairing lock, &c., | 1.25 | |
| George McIntosh, repairs, | 12.71 | |
| H. M. Jones, " | 5.00 | |
| B. Hancock, " | 2.50 | |
| Amounts carried forward, | $ 1,070.43 | $ 10.776,67 |

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| Amounts brought forward, | | $1,070.43 | $10,776.67 |
| John S. Pollard, repairing plastering, | | 1.00 | |
| James Boardman, setting glass, | | 50 | |
| Patrick McDonald, ladder, | | 2.00 | |
| H. T. Welch, painting ladders, | | 6.00 | |
| H. M. Jones, hook pole and axe handles, | | 1.87 | |
| D. U. Chamberlain, sponge, | " " | 1.14 | |
| George L. Cade, oil and grease, | | 25 | |
| Benjamin D. Jones, | hauling carriage, | 15.00 | |
| A. L. Wait, | " " | 5.00 | |
| George A. Hayward & Co., | " " | 5.00 | |
| E. & S. W. Burpee, | " " | 3.00 | |
| D. B. Gilbert, | " " | 2.00 | |
| H. M. Jones, | " " | 1.00 | |
| George L. Cade, | " " | 1.00 | |
| | | | $1,115.19 |

REFRESHMENTS.

| | | |
|---|---|---|
| Boston Engine Co.'s Nos. Four, Six, and Eight, | 36.00 | |
| G. A. & A. L. Sanborn, | 35.10 | |
| Charlestown Engine Co.'s Nos. One and Four, | 19.85 | |
| Somerville Engine Co. No. One, | 17.85 | |
| Howard Engine Company, | 8.00 | |
| | | $116.80 |

MISCELLANEOUS.

| | | | | |
|---|---|---|---|---|
| Shelton & Cheever, | hose, repairs, &c., | | 769.81 | |
| Hunneman & Co., | repairs, | | 88.49 | |
| R. C. Brown, | " | iron work, | 8.74 | |
| Robert B. Howe, | " | slating, | 7.67 | |
| C. Morris, | " | | 6.96 | |
| A. Sylvester, | " | hydrants, | 6.63 | |
| Byron Bailey | " | fence, | 3.03 | |
| A. J. Jones, | " | | 2.00 | |
| Amounts carried forward, | | | $893.33 | $12,008.66 |

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| Amounts brought forward, | $ 893.33 | $ 12,008.66 |
| William Barton, packing hydrants, &c., | 37.62 | |
| M. Egan, salt hay for " " " | 13.54 | |
| Rufus Lamson, " " " " " | 6.00 | |
| Dalphon Osborn, boards for " | 2.76 | |
| George B. Eaton, superintending packing hydrants, | 6.00 | |
| Edward A. Brown, clearing reservoirs and hydrants, | 29.62 | |
| George F. Mumler, " " " | 12.00 | |
| Charles B. Stevens, " " " | 9.00 | |
| Charles F. Davenport, " " " | 3.00 | |
| Moses Ricker, services as fire police, | 29.00 | |
| A. B. Parsons, " " " | 23.00 | |
| Henry A. Hills, " " " | 18.00 | |
| Thomas Work, " " " | 13.00 | |
| Cambridgeport Aqueduct Company, use of water, | 10.00 | |
| James Pike, use of horses and wagons, | 12.00 | |
| William Hall & Co., keys, | 1.25 | |
| John D. Baldwin, printing, | 9.00 | |
| Denton & Wood, record book, | 2.50 | |
| L. S. Learned, blank " | 2.00 | |
| William Hunnewell, oil, spittoons, brushes, &c., | 4.65 | |
| George L. Cade, oil, salt, &c., | 4.38 | |
| James H. Wyeth, " | 84 | |
| New England Glass Co., glass globes, | 2.00 | |
| Edwards & Sproul, halyards, | 1.25 | |
| D. U. Chamberlin, nails, | 27 | |
| George L. Cade, ringing bell, | 19.50 | |
| B. J. Hoyt, " " | 14.50 | |
| C. H. Richardson, " " | 9.00 | |
| A. K. Jones, " " | 9.00 | |
| David W. Lowry, " " | 8.00 | |
| Andrew B. Harlow, " " | 6.50 | |
| Amounts carried forward, | $ 1,212.51 | $ 12,008.66 |

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| Amounts brought forward, | | $ 1,212.51 | $ 12,008.66 |
| Charles H. Hicks, ringing bell, | | 4.00 | |
| C. M. Stetson, | truckage of hose, &c., | 10.26 | |
| Jones & Co., | " | 5.26 | |
| James W. Bettinson, | " | 5.26 | |
| Conant's Express, | " | 2.90 | |
| J. M. Brigham, | " | 50 | |
| George A. Hayward & Co., | hauling engines, | 4.00 | |
| Samuel F. Hunt, | " " | 3.00 | |
| Jones & Co., | " " | 2.00 | |
| | | | $ 1,249.69 |
| | | | $ 13,258.35 |

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| Appropriation, | $ 12,000.00 | |
| Additional do., | 1,300.00 | |
| | | $ 13,300.00 |
| Amount of Expenses, | | 13.258.35 |
| Balance unexpended, | | 41.65 |

FOR INCIDENTAL EXPENSES.

| | | | |
|---|---|---|---|
| John D. Baldwin, | sundry printing and advertising, | | 709.97 |
| Metcalf & Co., | " | | 145.37 |
| Thurston, Miles & Pritchett, | " | | 121.23 |
| John Ford, | " | | 20.25 |
| Welch, Bigelow & Co., | " and binding books, | | 48.00 |
| Welch, Bigelow & Co., | " | bonds, | 15.00 |
| Cambridge Chronicle, advertising, | | | 30.37 |
| S. C. Knights, commissions and advertising sale real estate, | | | 62.38 |
| Thomas Groom, paper and ruling, | | | 12.00 |
| William Hunnewell, replacing books, Otis School, | | | 327.19 |
| Amount carried forward, | | | $ 1,491.76 |

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|---|---|
| Amount brought forward, | $ 1,491.76 |
| L. S. Learned, blank books and stationery, | 73.46 |
| Cutter, Tower & Co., " | 10.25 |
| A. R. Bayley, stationery for ward room, | 2.30 |
| George L. Cade, fluid, stationery, &c., for ward room, | 3.00 |
| Samuel James, letter stamps and box, | 21.47 |
| "Postmaster," box, | 2.00 |
| Thomas Work, newspapers, | 14.00 |
| Caleb Hayden, abstract of records for assessors, | 79.00 |
| Charles Wood, assistant assessor, | 43.00 |
| W. A. Mason, " " | 39.00 |
| O. Clark, " " | 24.00 |
| G. G. Rice, " " | 14.00 |
| Jonas Wyeth, " " | 12.00 |
| William A. Mason & Co., surveys and plans, | 391.50 |
| Albert Stevens, plans for city stables, | 12.00 |
| E. R. Hoar, legal services, | 150.00 |
| John C. Dodge, " " | 113.00 |
| L. Marrett, " " | 51.00 |
| J. A. Jacobs, " " | 27.00 |
| Hosea Jewell, " expenses, | 13.96 |
| Caleb Hayden, recording deeds, | 10.26 |
| J. A. Jacobs, drawing contracts, specifications, &c., | 14.13 |
| J. A. Jacobs, drawing deeds and agreements, | 14.00 |
| J. A. Jacobs, paid clerk of court, | 1.50 |
| William Hall, damages for defect in street, | 100.00 |
| Hiram Clark, damages for defect in street, | 3.00 |
| Town of Somerville, tax bill, | 71.82 |
| Town of Belmont, " " | 44.37 |
| Charles B. Richardson, drain tax refunded, | 25.81 |
| Amount carried forward, | $ 2,872.59 |

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|---|---|
| Amount brought forward, | $ 2,872.59 |
| J. A. Jacobs, assessing drain taxes, | 22.68 |
| Cambridge Water Works, allowed for repairs of reservoir, | 2,000.00 |
| Cambridge Water Works, water rent, City Hall, | 5.00 |
| Cambridge Gas Light Company, gas, City Hall, | 254.85 |
| Cambridge Gas Light Company, gas for ward rooms, | 4.40 |
| Charles E. Russ, gas fixture, | 25 |
| R. W. Dickson, repairs gas fixture, | 5.50 |
| William A. Saunders, use of hall for ward meetings, | 10.00 |
| Rufus Lamson, use of hall for ward meetings, | 10.00 |
| Cambridge Lyceum, lighting and warming ward room, | 15.00 |
| James McNall, care of ward room, | 4.50 |
| Joel Robinson, snow guards, City Hall, | 252.00 |
| D. U. Chamberlin, hardware, repairs, City Hall, | 76.22 |
| John G. Loring & Co., repairing gutters, City Hall, | 28.04 |
| Daniel Rickerby, repairing roof, City Hall, | 6.94 |
| H. & F. Stimpson, " furnaces, | 24.47 |
| Fairbanks & Brown, " hay scales, | 43.90 |
| J. W. Presby, " " " | 34.00 |
| J. F. Jefferds, " " " | 3.00 |
| Nathaniel Rand, " " " | 2.40 |
| S. J. Wright, " " " | 1.75 |
| H. A. Davis, sealing weights and measures, | 61.50 |
| Henry A. Davis, weights and repairs, | 6.25 |
| Henry A. Davis, sealing and adjusting city standard, | 5.00 |
| Amount carried forward, | $ 5,750.24 |

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|---|---|
| Amount brought forward, | $ 5,750.24 |
| George P. Backus, testing and sealing platforms, | 11.75 |
| Charles E. Russ, set of measures for sealer, | 3.00 |
| Whitney & Brackett, repairing desk, | 1.00 |
| Donnell & Moore, " pump, | 50 |
| S. P. Clark, " pound, | 17.49 |
| J. M. Thresher, pyramid stove, | 12.00 |
| Moses Pond, stove for City Hall, | 14.00 |
| Edward Bates, jr., funnel, and putting up stoves, | 5.69 |
| Charles E. Russ, repairing stoves, | 5.00 |
| Henry N. Hooper & Co., alarm bell, | 121.28 |
| E. Howard & Co., tower clock, | 500.00 |
| Cambridge Gas Light Co., illuminating clock, | 12.40 |
| John Pear, care of clock, | 22.50 |
| John Sawin, repairing and cleaning clock, | 2.50 |
| A. Stevens & Co., labor and materials for repairs, | 10.87 |
| John McGovern, labor, | 3.75 |
| S. P. Clark, building fence, | 16.44 |
| R. Litchfield, carpenter work, City Hall, | 11.29 |
| Burrage, Shepherd & Co., lumber, City Hall, | 5.26 |
| Burrage, Shepherd & Co., " hay scales, | 19.35 |
| Charles E. Russ, zinc conductors, City Hall, | 26.10 |
| F. B. Parks, lead pipe, | 75 |
| Judson Litchfield, washing windows, City Hall, | 10.20 |
| Stephen Stiles, removing fence, | 1.75 |
| Holt & Cragin, " coal, | 27.00 |
| H. Handford, trees and planting, | 22.00 |
| George W. White, trimming trees, | 106.75 |
| William Fuller, " " | 41.00 |
| Amount carried forward, | $ 6,781.86 |

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| Amount brought forward, | | $ 6,781.86 |
| James Haynes, | trimming trees, | 35.42 |
| J. T. Day, | " " | 31.50 |
| Thomas J. Day, | " " | 22.75 |
| A. Lawrence, | " " | 6.00 |
| Isaac Fay, elm trees, | | 6.00 |
| Benjamin F. Davies, tree guards, | | 4.90 |
| John Stinson, labor on trees, | | 1.50 |
| Patrick Fahy, " " " | | 1.00 |
| Joel S. Orne, firing salute, | | 100.00 |
| H. Handford, | ringing bell, | 5.50 |
| Renjamin F. Wyeth, " | " | 5.00 |
| J. S. Claflen, | " " | 2.00 |
| William Stone, | " " | 2.00 |
| Joseph Brackett, | " " | 2.00 |
| B. J. Hoyt, | " " | 2.00 |
| Hiram Welch, | " " | 2.00 |
| A. B. Harlow, | " " | 2.00 |
| J. W. Parker, | " " | 1.50 |
| Eli Whiteley, | " " | 1.50 |
| Amos Munroe, | " " | 1.50 |
| Judson Litchfield, | " " | 1.50 |
| C. H. Richardson, | " " | 1.50 |
| George D. Eaton, | " " | 1.50 |
| George L. Cade, | " " | 50 |
| George L. Cade, rigging and hoisting flag, | | 9.25 |
| A. H. Pickett, hoisting and lowering | " | 4.50 |
| George L. Cade, housing topmast, | | 2.00 |
| J. A. Jacobs, returns of births, deaths, and marriages, | | 232.40 |
| William Casey, returning deaths, | | 17.40 |
| John Pear, | " " | 7.00 |
| Hiram Welch, | " " | 5.80 |
| Joseph Brackett, | " " | 3.10 |
| J. P. Alden, vaccination, | | 129.00 |
| Hooker & Taylor, " | | 80.00 |
| Amount carried forward, | | $ 7,513.38 |

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| Amount brought forward, | $ 7,513.38 |
| Moses Clarke, medical services, | 25.00 |
| J. T. G. Nichols, " attendance, (small pox), | 40.00 |
| W. W. Wellington, medical attendance, (small pox), | 10.00 |
| Calvin Ford, nursing, (small pox), | 13.30 |
| Royal Morse, property destroyed, (small pox), | 63.00 |
| Adeline Hale, property destroyed, (small pox), | 30.00 |
| Daily & Holmes, storing hearse, | 16.25 |
| John Pear, repairing " | 1.00 |
| G. G. Belcher, painting and varnishing hearse, | 10.00 |
| F. L. Chapman, " hearse, | 9.00 |
| Hiram Welch, removing the dead, | 11.00 |
| John Pear, " " | 3.00 |
| Newell Bent, use of land for gravel, | 20.00 |
| J. L. Sawyer, paint for trees, | 7.67 |
| J. H. & J. P. Thayer, painting and glazing, | 6.75 |
| M. S. Webb, music for High School exhibition, | 35.00 |
| R. Litchfield, Boston Directories, | 3.00 |
| Charles E. Russ, tin cases for papers, | 3.00 |
| A. P. Griffing, mucilage, | 2.50 |
| A. K. P. Welch, expenses of supper, City Council, | 100.00 |
| George M. Teague, refreshments for ward officers, | 20.00 |
| Kenny & Pierce, ice, City Hall, | 6.00 |
| Chase & Hunting, " " " | 4.00 |
| A. R. Bayley, alcohol, | 31 |
| William Hall & Co., padlocks and keys, | 6.30 |
| Ryder & Hardy, hemp lines, | 1.75 |
| D. U. Chamberlin, nails, screws, &c., | 80 |
| Amount carried forward, | $ 7,962.01 |

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|---|---|---|
| Amount brought forward, | $ 7,962.01 | |
| Stratton, Sherriff & Co., floor brush, | 2.00 | |
| Edward Hixon, window shades, | 10.00 | |
| E. T. Tufts, lettering lanterns, | 2.10 | |
| A. J. Jones, " " | 2.00 | |
| Edward H. Weston, city agent, services, | 21 | |
| James Pike, horse-keeping, | 12.50 | |
| J. B. Snow, use of horses and carriages, | 10.50 | |
| Daily & Holmes, " " " | 10.00 | |
| Francis A. Watts, " " | 2.00 | |
| John C. Willey, " " " | 1.00 | |
| David S. Buck, truckage, | 5.88 | |
| H. Danforth, " | 5.00 | |
| Hayward & Co., " | 3.50 | |
| Brigham's Express, " | 1.00 | |
| | | $ 8,029.70 |

## POLICE COURT.

| | | |
|---|---|---|
| John S. Ladd, Justice Police Court, salary, | 1,500.00 | |
| Friendship Lodge, rent of room, | 100.00 | |
| John D. Baldwin, printing, | 26.90 | |
| Thurston, Miles & Pritchett, " | 5.00 | |
| William Twist, stationery, | 2.10 | |
| D. U. Chamberlin, blotting sand, | 50 | |
| | | $ 1,634.50 |
| | | $ 9,664.20 |

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|---|---|---|
| Appropriation, | $ 13,000.00 | |
| Amount of Expenses, | $ 9,664.20 | |
| Transferred, | 2,800.00 | |
| | $ 12,464.20 | |
| Balance unexpended, | | 535.80 |

FOR RESERVOIRS AND DRAINS.

| | | |
|---|---|---|
| George W. Fifield, Superintendent, salary, | 200.00 | |
| Henry W. Muzzey, costs in drain suits, | 404.43 | |
| Samuel Palmer, building drains on contract, | 6,570.92 | |
| Samuel Palmer, stock and labor on drains and cespools, | 179.59 | |
| James W. Presby, building drain, | 10.00 | |
| George W. Wyatt, bricks, | 42.97 | |
| James Thwing, reservoir and cespool covers, | 27.05 | |
| E. Munroe, cespool covers, &c., | 12.60 | |
| Joel Robinson, reservoir covers, &c, | 4.60 | |
| A. C. Sanborn & Co., cespool curbs, edge stone, &c., | 75.13 | |
| W. A. Mason, surveys and plans, | 98.00 | |
| Gale & Dudley, lumber and cement, | 25.92 | |
| William Jackson, carpenter work, | 18.00 | |
| Sidney Smith, mason work, | 19.69 | |
| Timothy Murphy, " " | 7.56 | |
| S. M. Cofran, boxing clay, | 15.83 | |
| J. M. Price, saw, axes, &c., | 12.37 | |
| D. U. Chamberlin, fluid and nails, | 1.31 | |
| Henry A. Bacon, repairing drain, | 3.62 | |
| E. Q. Rowell, " " | 1.50 | |
| Daniel McGrath, labor, | 1.87 | |
| | | $ 7,732.96 |

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|---|---|---|
| Appropriation, | $ 6,000.00 | |
| Additional do., | 1,750.00 | |
| | $ 7,750.00 | |
| Amount of Expenses, | 7,732.96 | |
| Balance unexpended, | 17.04 | |

FOR LIGHTING STREETS.

| | | |
|---|---|---|
| R. Litchfield, jr., Superintendent, salary, | 200.00 | |
| Cambridge Gas Light Company, gas, | 3,593.72 | |
| Cambridge Gas Light Company, fitting lamp posts, &c., | 350.81 | |
| A. J. Jones, fitting lamp posts and gas, | 18.72 | |
| John B. Atwill, fluid, matches, &c., | 246.08 | |
| William Hunnewell, " " " | 154.99 | |
| D. U. Chamberlin, " " " | 128.09 | |
| I. P. Estes, " | 4.20 | |
| George Montgomery, lighting lamps, | 616.02 | |
| James F. Jefferds, " " | 474.81 | |
| George McNall, " " | 202.08 | |
| James Armstrong, " " | 64.77 | |
| James McNall, " " | 18.00 | |
| E. B. Lazelle, gas burners, | 45.00 | |
| Page & Robbins, glass for lanterns, | 32.23 | |
| I. P. Estes, " shears, &c., | 2.23 | |
| D. U. Chamberlin, tin can, oil, &c., | 5.01 | |
| A. J. Jones, ironing ladders, &c., | 5.66 | |
| George Montgomery, setting lamp-post, | 50 | |
| Denton & Wood, blank book, | 2.75 | |
| Edward Bates, jr., repairing lanterns, | 6.90 | |
| Charles E. Russ, " " &c., | 6.77 | |
| James F. Jefferds, " " | 4.00 | |
| F. B. Parks, " " | 1.00 | |
| R. W. Dickson, " " | 99 | |
| R. C. Brown, " lamp irons, | 3.54 | |
| | | $ 6,188.87 |

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|---|---|---|
| Appropriation, | $ 5,500.00 | |
| Additional do., | 700.00 | |
| | $ 6,200.00 | |
| Amount of Expenses, | 6,188.87 | |
| Balance unexpended, | 11.13 | |

FOR PAVING.

| | | | |
|---|---|---|---|
| Gore, Rose & Co., paving sidewalks and gutters, | | 1,479.66 | |
| Timothy Murphy, paving sidewalks, | | 23.75 | |
| Union Railway Co., " stone, | | 132.00 | |
| Gore, Rose & Co., " " | | 123.90 | |
| S. M. Cofran, " " | | 20.75 | |
| Varney & Hill, wharfage, paving stone, | | 15.00 | |
| Joseph Burridge, weighing " " | | 76 | |
| Charles Linehan, gravel, | | 56.61 | |
| Michael Egan, teaming gravel, | | 43.00 | |
| | | | $ 1,895.43 |
| Appropriation, | | $ 5,000.00 | |
| Amount of Expenses, | $ 1,895.43 | | |
| Transferred, | 3,000.00 | | |
| | | $ 4,895.43 | |
| Balance unexpended, | | 104.57 | |

FOR HYDRANTS.

| | | | |
|---|---|---|---|
| A. Sylvester, repairing hydrants, | | 6.63 | |
| South Boston Iron Co., quarter turns, | | 7.44 | |
| R. C. Brown, iron work, | | 2.50 | |
| Jones' Express, truckage, | | 9.38 | |
| | | | $ 25.95 |
| Appropriation, | | $ 500.00 | |
| Amount of Expenses, | $ 25.95 | | |
| Transferred, | 350.00 | | |
| | | $ 375.95 | |
| Balance unexpended, | | 124.05 | |

### FOR WATERING STREETS.

| | | |
|---|---|---|
| Robert Ross, District One, | 473.56 | |
| Daniel Murphy, " " and Two, | 693.10 | |
| John S. Marsh, " Two | 78.34 | |
| A. C. Smith, " " | 30.00 | |
| Alvan Hamblet, " Three, | 425.00 | |
| | | $ 1,700.00 |
| Appropriation, | $ 1,700.00 | |
| Amount of Expenses, | 1,700.00 | |

### FOR CARE AND REPAIRS OF WEST BOSTON AND CANAL BRIDGES.

| | |
|---|---|
| Charles W. Blaney, care of draw, | 344.00 |
| Joshua Littlefield, " " | 218.00 |
| Cyrus Bruce, " " | 218.00 |
| James Mellen, opening and closing draw, | 72.00 |
| Charles W. Blaney, lighting lamps, | 156.50 |
| Cyrus Bruce, " " | 35.27 |
| Joshua Littlefield, " " | 33.55 |
| Gore, Rose & Co., paving, | 643.31 |
| Daniel Murphy, labor with men and teams, | 101.74 |
| Daniel Murphy, watering West Boston Bridge, | 300.00 |
| Alvan Hamblet, watering Canal Bridge, | 200.00 |
| Alvan Hamblet, ploughing and scraping snow, &c., | 26.00 |
| Daniel Murphy, clearing bridge, | 33.25 |
| George Packard, buoy stone, | 50.00 |
| James Newcomb, " " and placing do., | 52.00 |
| Joshua Phillips, buoy stone, and placing do., | 26.00 |
| George Clapp, raising buoy stone, &c., | 25.00 |
| James Scully, old mast for buoy, | 6.00 |
| Amount carried forward, | $ 2,540.62 |

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|---|---|---|
| Amount brought forward, | $ 2,540.62 | |
| William Jackson, carpenter work, | 66.69 | |
| Burrage, Shepherd & Co., lumber, | 47.93 | |
| J. Hall & Sons, " | 43.31 | |
| Gale & Dudley, " | 2.58 | |
| Amos Quimby, spruce piles, | 4.05 | |
| E. Munroe, oak plank, | 1.25 | |
| Perkins & Simpson, repairing draw, | 34.67 | |
| Joel Robinson, repairs, iron work, | 11.76 | |
| A. G. Lyon & Co., " lanterns, | 11.20 | |
| R. C. Brown, " " | 2.12 | |
| George McIntosh, " " | 1.00 | |
| C. W. Blaney, plumbing, | 7.36 | |
| A. G. Lyon & Co., painting, | 2.85 | |
| Joel Robinson, bolts and washers, | 1.28 | |
| Whiton, Browne & Wheelwright, chain, | 2.30 | |
| John B. Atwill, fluid, | 273.31 | |
| William Hunnewell, " | 146.79 | |
| D. U. Chamberlin, " &c., | 44.01 | |
| E. P. Dodge, " " | 41.59 | |
| Joshua Littlefield, oil, nails, &c., | 4.50 | |
| Charles W. Blaney, " " | 2.25 | |
| C. Bruce, " and paper, | 7.00 | |
| Caleb Hayden, recording deeds, | 3.75 | |
| Justin A. Jacobs, drawing lease, | 3.00 | |
| City of Boston, use of water, | 6.00 | |
| | | $ 3,313.17 |

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|---|---|
| Appropriation, | $ 3,500.00 |
| Amount of Expenses, | 3,313.17 |
| Balance unexpended | 186.83 |

FOR REPAIR OF BRIDGES.

| | |
|---|---|
| Davis & Bates, hoisting draws, | 264.00 |
| William Loughrey, " " | 84.00 |
| Joshua B. Burroughs, " " | 45.00 |
| Amount carried forward, | 393.00 |

| | | |
|---|---|---|
| Amount brought forward, | $ 393.00 | |
| Burrage, Shepherd & Co., lumber, | 98.71 | |
| J. Hall & Sons, " | 8.43 | |
| William Jackson, carpenter work, | 133.50 | |
| George Clapp, raising and placing buoy stone, | 15.00 | |
| J. B. Burroughs, repairing sidewalks, &c., | 2.25 | |
| | | 650.89 |

"CAMBRIDGE GREAT BRIDGE."

| | | |
|---|---|---|
| Emery Willard, hoisting draw, | 155.00 | |
| Emery Willard, lumber, | 255.29 | |
| William Jackson, carpenter work, | 82.18 | |
| I. P. Estes, nails, | 6.00 | |
| Joel Robinson, bolts, | 2.10 | |
| | | 500.57 |
| | | $ 1,151.46 |

| | | |
|---|---|---|
| Appropriation, | $ 2,500.00 | |
| Amount of Expenses, | 1,151.46 | |
| Transferred, | 1,000.00 | |
| | $2,151.46 | |
| Balance unexpended | 348.54 | |

## FOR BURIAL GROUNDS.

### CEMETERY.

| | | |
|---|---|---|
| H. H. Eames, Superintendent, salary, | 595.84 | |
| John Hill, labor, | 351.02 | |
| Wilson Webb, " | 205.88 | |
| Thomas H. Eames, " | 198.00 | |
| William Hill, " | 156.38 | |
| Amount carried forward, | $ 1,507.12 | |

| | | |
|---|---|---|
| Amount brought forward, | $ 1,507.12 | |
| Patrick Sullivan, labor | 154.71 | |
| Walter A. Eames, " | 146.26 | |
| Teddy Hill, " | 122.63 | |
| Timothy Hill, " | 54.56 | |
| Michael Follen, " | 18.00 | |
| William Killyan, " | 16.88 | |
| H. H. Eames, use of team, | 198.57 | |
| E. C. Mann, grave marks, | 28.00 | |
| Donnell & Moore, scythe, powder, &c., | 2.91 | |
| D. U. Chamberlin, shovel, | 1.00 | |
| Pettingill & Wheeler, repairing tools, | 2.75 | |
| James H. Wyeth, broom, | 33 | |
| Thurston, Miles & Pritchett, printing, | 4.50 | |
| " Postmaster," box, | 1.00 | |
| | | $ 2,259.22 |

OLD GROUNDS.

| | | |
|---|---|---|
| Joseph Brackett, care of ground, Ward One, | 21.87 | |
| John Pear, care of ground, Ward Two, | 37.50 | |
| | | 59.37 |
| | | $ 2,318.59 |
| Appropriation, | $ 2,500.00 | |
| Amount of Expenses, | 2,318.59 | |
| Balance unexpended, | 181.41 | |

FOR FUEL FOR THE CITY.

| | | |
|---|---|---|
| T. P. Lerned, cargo of coal, | $ 2,399.69 | |
| Abiel Goss, superintending delivery of coal, | 12.00 | |
| | | 2,411.69 |
| T. P. Lerned, coal, wood, and bark, | 1,132.26 | |
| Amounts carried forward, | $ 1,132.26 | $ 2,411.69 |

| | | |
|---|---|---|
| Amounts brought forward, | $ 1,132,26 | $ 2,411.69 |
| Wm. T. Richardson, coal, wood, and bark, | 33.89 | |
| Chaffee & Cummings, charcoal, | 258.00 | |
| | | 1,424.15 |
| | | $ 3,835.84 |
| Appropriation, | $ 4,000.00 | |
| Amount of Expenses, | 3,835.84 | |
| Balance unexpended, | 164.16 | |

The fuel, exclusive of the cargo of coal, was distributed as follows:

| | | |
|---|---|---|
| To the Almshouse, | 518.13 | |
| " paupers out of the Almshouse, | 537.62 | |
| " school houses, | 267.06 | |
| " police stations and watch houses, | 58,43 | |
| " City Hall, | 39.91 | |
| " Ward Rooms, | 3.00 | |
| | | $ 1,424.15 |

## FOR NEW SCHOOL HOUSE IN WARD THREE.

| | |
|---|---|
| Charles O. Holyoke, plans and specifications, | 125.00 |
| R. & R. W. Lamson, amt. of contract, | 8,706.00 |
| R. & R. W. Lamson, extra work, | 166.27 |
| W. G. Shattuck, school furniture, | 911.00 |
| James Carpenter, & Co., furnaces, | 427.25 |
| Henry N. Hooper & Co., bell, frame &c., | 136.00 |
| M. W. Montgomery, raising bell, &c., | 8.87 |
| William Hunnewell, mats, dusters, brushes, &c., | 90.53 |
| James Keen, clocks, | 37.00 |
| J. M. Price, ventilators, iron-sink, &c., | 85.84 |
| A. Stevens & Co., building and repairing fences, | 72.31 |
| J. French Adams, altering stairs, &c., | 35.24 |
| Amount carried forward, | $ 10,801.31 |

| | | |
|---|---|---|
| Amount brought forward, | $ 10,801.31 | |
| Thomas Chick, paving bricks, | 40.50 | |
| Joel Robinson, iron work, scrapers, &c., | 6.05 | |
| James Brazier, watching, | 43.00 | |
| | | $ 10,890.86 |
| Appropriation, $ 10,000.00 | | |
| Additional do, 954.17 | | |
| | $ 10,954.17 | |
| Amount of Expenses, | 10,890.86 | |
| Balance unexpended, | 63.31 | |

FOR PUBLIC SQUARES.

| | | |
|---|---|---|
| Thomas Hastings & Co., elm trees and grass seed, | 20.78 | |
| Patrick Fahy, planting trees and white-washing, | 10.00 | |
| H. Handford, planting trees | 10.00 | |
| L. Holt, watering " | 48.13 | |
| A. Hamblet, " " | 1.00 | |
| William Clark, labor, | 25.00 | |
| P. Fay, " | 2.00 | |
| Joel Robinson, iron work, | 10.80 | |
| A. J. Jones, " " | 3.63 | |
| R. & R. W. Lamson, mason " | 23.37 | |
| A. Stevens, repairing fences, | 9.25 | |
| James Boardman, painting " | 9.75 | |
| Israel Tibbetts, teaming gun carriages, | 5.00 | |
| Ryder & Hardy, rope, | 4.50 | |
| James Mellen, raising & lowering topmast, | 57.00 | |
| | | $ 240.21 |
| Appropriation, $ 800.00 | | |
| Amount of Expenses, 240.21 | | |
| Balance unexpended, 559.79 | | |

FOR SALARIES OF CITY OFFICERS.

| | | |
|---|---|---|
| John Sargent, Mayor, | 1,500.00 | |
| Joseph Whitney, Treasurer & Collector, | 1,000.00 | |
| Justin A. Jacobs, City Clerk, | 925.00 | |
| S. P. Heywood, Auditor, | 400.00 | |
| James M. Chase, Clerk of Common Council, | 150.00 | |
| R. Litchfield, Jr., Messenger, | 500.00 | |
| Board of Assessors, | 1,000.00 | |
| | | $ 5,475.00 |
| Appropriation, | $ 5,550.00 | |
| Amount of Expenses, | 5,475.00 | |
| Balance unexpended, | 75.00 | |

FOR PAYMENT OF CITY DEBT.

| | | |
|---|---|---|
| Phillips Academy, | 2,000.00 | |
| Daniel McFarland, | 3,000.00 | |
| Nancy Nash, | 800.00 | |
| James M. Lassell, | 800.00 | |
| Estate of David Hill, | 5,000.00 | |
| Plymouth Savings Bank, | 5,000.00 | |
| H. L. Stone, trustee, | 2,000.00 | |
| | | $ 18,600.00 |
| Appropriation, | $ 18,600.00 | |
| Amount of Expenses, | 18,600.00 | |

FOR INTEREST AND BANK DISCOUNTS.

| | |
|---|---|
| Lowell Institution for Savings, | 4,239.50 |
| Ezekiel Kendall, | 680.00 |
| Cambridgeport Savings Bank, | 575.00 |
| Cambridge Savings Bank, | 575.00 |
| Boston Provident Institution for Savings, | 500.00 |
| William Gay, | 480.00 |
| Robert Douglass, | 461.52 |
| Daniel McFarland, | 455.00 |
| Amount carried forward, | $ 7,966.02 |

| | | |
|---|---|---|
| Amount brought forward, | $ 7,966.02 | |
| E. N. Holbrook, | 431.25 | |
| Cambridge City Bonds, | 350.00 | |
| Estate of David Hill, | 300.00 | |
| Plymouth Savings Bank, | 300.00 | |
| J. H. Wilkins, | 287.50 | |
| Lynn Institution for Savings, | 175.70 | |
| Henry L. Stone, trustee, | 120.00 | |
| Richard H. Dana, | 110.00 | |
| Phillips Academy, | 60.00 | |
| B. Wentworth, | 60.00 | |
| J. Whitehouse, | 57.50 | |
| James M. Lassell, | 48.00 | |
| Nancy Nash, | 44.00 | |
| Sundry Banks, &c., on temporary loan, | 3,128.66 | |
| | | $ 13,438.63 |
| Appropriation, | $ 16,000.00 | |
| Amount of Expenses, $ 13,438.63 | | |
| Transferred, 1,500.00 | | |
| | 14,938.63 | |
| Balance unexpended, | 1,061.37 | |

FOR INTEREST ON WATER LOAN.

| | | |
|---|---|---|
| Interest Warrants on Bonds, | 3,000.00 | |
| | | $ 3,000.00 |
| Appropriation, | $ 3,000.00 | |
| Amount of Expenses, | 3,000.00 | |

FOR LAND DAMAGES.

| | | |
|---|---|---|
| Trustees, A. Hilliard, land to widen Dunster and Mt. Auburn Sts., | 1,181.73 | |
| Amount carried forward, | $ 1,181.73 | |

| | | |
|---|---|---|
| Amount brought forward, | $ 1,181.73 | |
| J. Warren Merrill, land to widen Dunster St., | 583.80 | |
| Harvard College, land to widen Dunster St., | 100.00 | |
| | | $ 1,865.53 |
| Appropriation, | $ 2,000.00 | |
| Amount of Expenses, | 1,865.53 | |
| Balance unexpended, | 134.47 | |

FOR BELL RINGING.

| | | |
|---|---|---|
| Joseph Brackett, District One, | 50.00 | |
| Amos Munroe, " Two, | 46.63 | |
| Jonathan H. Bass, " Three, | 33.75 | |
| J. W. Parker, " " | 11.25 | |
| | | $ 141.63 |
| Appropriation, | 150.00 | |
| Amount of Expenses, | 141.63 | |
| Balance unexpended, | 8.37 | |

FOR GRADING PRIVATE STREETS.

| | | |
|---|---|---|
| A. Hamblet, grading Fifth Street, | 25.50 | |
| | | $ 25.50 |
| Appropriation, | $ 100.00 | |
| Amount of Expenses, | 25.50 | |
| Balance unexpended, | 74.50 | |

FOR REFERENCE AND TEXT BOOKS FOR SCHOOLS.

| | | |
|---|---|---|
| A. M. Averill & J. M. Marsters, books for Shepard School, | 40.00 | |
| Crosby, Nichols & Co., books for Washington School, | 40.00 | |
| Amount carried forward, | 80 00 | |

| | | |
|---|---|---|
| Amount brought forward, | $ 80.00 | |
| William D. Ticknor & Co., books for Harvard School, | 42.85 | |
| A. C. Smith, books for Webster School, | 40.00 | |
| C. A. Skinner, books for Allston " | 40.00 | |
| Crosby, Nichols & Co., books for Otis School, | 40.00 | |
| Francis Cogswell, books for Putnam School, | 40.00 | |
| | | $ 282.85 |
| Appropriation, | $ 300.00 | |
| Amount of Expenses, | 282.85 | |
| Balance unexpended, | 17.15 | |

FOR DANA LIBRARY.

| | | |
|---|---|---|
| C. F. Orne, Librarian, salary, | 87.50 | |
| William D. Ticknor & Co., books, | 120.78 | |
| Crosby, Nichols & Co., " | 104.95 | |
| Little, Brown & Co., " | 5.69 | |
| A. J. Coolidge, " | 3.50 | |
| Benjamin Loring & Co., record books, | 4.00 | |
| L. S. Learned, " " | 3.00 | |
| Lemon, Fields & Co., binding " | 2.25 | |
| W. McDonald & Sons, " " | 75 | |
| C. F. Orne, labelling " | 10.00 | |
| Thurston, Miles & Pritchett, printing, | 19.53 | |
| John D. Baldwin, " | 7.50 | |
| Welch, Bigelow & Co., " | 75 | |
| Justin A. Jacobs, freight on books, | 25 | |
| W. W. Wellington, manilla paper, | 3.10 | |
| Moses Ricker, repairing book-cases, | 9.01 | |
| C. F. Orne, duster, | 42 | |
| | | $ 382.98 |
| Appropriation, | $ 395.72 | |
| Amount of Expenses, | 382.98 | |
| Balance unexpended, | 12.74 | |

FOR THE DOWSE INSTITUTE.

| | | |
|---|---|---|
| Amount paid the Treasurer, | 600.00 | |
| | | $ 600.00 |
| Appropriation, | $ 600.00 | |
| Amount of Expenses, | 600.00 | |

RESERVED FUND.

| | | |
|---|---|---|
| Appropriation, | $ 10,000.00 | |
| Whole amount unexpended, | | $ 10,000.00 |

# RECAPITULATION OF EXPENDITURES FOR THE FINANCIAL YEAR ENDING DECEMBER 1, 1860.

| | Original Appropriations. | Added or Subtracted. | Appropriations as altered. | Amount of Expenditures. | Balances Unexpended. |
|---|---|---|---|---|---|
| Instruction of Public Schools, | $34,500.00 | + $1,500.00 | $36,000.00 | $35,544.05 | $455.95 |
| Hopkins Fund, | 743.11 | | 743.11 | 450.00 | 293.11 |
| Care, &c., of School Houses, | 2,800.00 | | 2,800.00 | 2,704.73 | 95.27 |
| Repairs of School Houses, | 2,500.00 | + 750.00 | 3,250.00 | 3,186.41 | 63.59 |
| Almshouse, | 7,500.00 | + 700.00 | 8,200.00 | 8,148,56 | 51.44 |
| Labor at Stone Ledge, | 1,500.00 | — 204.17 | 1,295.83 | 697.97 | 597.86 |
| Police and Watch, | 13,500.00 | | 13,500.00 | 12,511.84 | 988.16 |
| Repairs of Roads and Sidewalks, * | 16,500.00 | + 1,200.00 | 17,700.00 | 17,694.55 | 5.45 |
| Fire Department, | 12,000.00 | + 1,300.00 | 13,300.00 | 13,258.35 | 41.65 |
| Incidental Expenses, | 13,000.00 | — 2,800.00 | 10,200.00 | 9,664.20 | 535.80 |
| Reservoirs and Drains, | 6,000.00 | + 1,750.00 | 7,750.00 | 7,732.96 | 17.04 |
| Lighting Streets, | 5,500.00 | — 700.00 | 6,200.00 | 6,188.87 | 11.13 |
| Paving, | 5,000.00 | — 3,000.00 | 2,000.00 | 1,895.43 | 104.57 |
| Hydrants, | 500.00 | — 350.00 | 150.00 | 25.95 | 124.05 |
| Watering Streets, | 1,700.00 | | 1,700.00 | 1,700.00 | |
| Care and Repairs of West Boston and Canal Bridges, | 3,500.00 | | 3,500.00 | 3,313.17 | 186.83 |
| Repairs of Bridges, | 2,500.00 | — 1,000.00 | 1,500.00 | 1.151.46 | 348.54 |
| Burial Grounds, | 2,500.00 | | 2,500·00 | 2,318.59 | 181.41 |
| Fuel for the City, | 4,000.00 | | 4,000.00 | 3,835.84 | 164.16 |
| New Schoolhouse in Ward Three, | 10,000.00 | + 954.17 | 10,954.17 | 10,890.86 | 63.31 |
| Public Squares, | 800.00 | | 800.00 | 240.21 | 559.79 |
| Salaries of City Officers, | 5,550.00 | | 5,550.00 | 5.475.00 | 75.00 |
| Payment of City Debt, | 18,600.00 | | 18,600.00 | 18,600.00 | |
| Interest and Bank Discounts, | 16,000.00 | — ,500. | 14,500.00 | 13,438.63 | 1,061.37 |
| Interest on Wa er Loan, | 3,000.00 | | 3,000.00 | 3,000.00 | |
| Land Damages, | 2,000.00 | | 2,000.00 | 1,865.53 | 134.47 |
| Bell Ringing, | 150.00 | | 150.00 | 141.63 | 8.37 |
| Grading Private Streets, | 100.00 | | 100.00 | 25.50 | 74.50 |
| Reference and Text Books for Schools, | 300.00 | | 300.00 | 282.85 | 17.15 |
| Dana Library, | 395.72 | | 395.72 | 382.98 | 12.74 |
| Dowse Institute, | 600.00 | | 600.00 | 600.00 | |
| Reserved Fund, | 10,000.00 | | 10,000.00 | | 10,000.00 |
| Amount of Appropriations, | $203,238.83 | | $203,238.83 | $186,966.12 | $16,272 71 |
| Amount of Expenditures, | | | 186,966.12 | | |
| Balance unexpended, | | | $16,272.71 | | |

* This amount includes $1,500 added to build City Stables, which was not transferred from any other appropriation.

DR. JOSEPH WHITNEY, TREASURER, IN ACCOUNT WITH THE CITY OF CAMBRIDGE. CR.

| 1858. | | | | 1858. | | | |
|---|---|---|---|---|---|---|---|
| Dec. 1. | For Cash Balance, | | $7,355.22 | Dec. 1. | By Cash paid State Tax, | | 6,228.00 |
| | " " | Dana Library, fines and subscriptions, | 88 95 | | " " " | County " 1858, | 10,957.85 |
| | " " | Trustees Washington Square, | 16.00 | | " " " | " " 1859, | 11,931.87 |
| | " " | Rent of City Hall, | 747.00 | | " " " | D. McFarland, Note, | 3,000.00 |
| | " " | Merchants' Ins. Co., for losses, | 2,070.57 | | " " " | Nancy Nash, | 800.00 |
| | " " | Wm. Gay, for rent of farm, | 125.00 | | " " " | J. M. Lassell, | 800.00 |
| | " " | Stone sold, | 111.71 | | " " " | David Hill, | 5,000.00 |
| | " " | G. Livermore, Ex'r T. Dowse, for clock, | 500.00 | | " " " | Plym. Sav. Bank, | 5,000.00 |
| | | | | | " " " | H. L. Stone, | 2,000.00 |
| | " " | F. A. Kent, error in bill, refunded, | 6.25 | | " " " | Phillips Academy, | 2,000.00 |
| | " " | W. O. Johnson, for edge stone, | 30.00 | | " " " | Interest Temporary Loan, | 3,128.66 |
| | " " | Trustees of Hopkins Charity Fund, | 434.66 | | " " " | " Permanent " | 10,856.22 |
| | " " | Waste Paper sold, | 12.20 | | " " " | " Trustees Dowse Inst., | 600.00 |
| | " " | D. Murphy, for horse, | 230.06 | | " " " | Camb. Water Loan, interest, | 3,000.00 |
| | " " | Dog Licenses, | 752.00 | | " " " | Sundry persons and Institutions, temporary loan, | 147,500.00 |
| | " " | Billiard " | 95.00 | | | | |
| | " " | Circus " | 20.00 | | " " " | Sundry persons per warrant and Mayor's drafts, | 151,000.15 |
| | " " | Bowling " | 10.00 | | | | |
| | " " | Menagerie " | 5.00 | | " " " | Balance on hand, | 1,696.12 |
| | " " | A. Stone, County Treasurer, interest allowed on County Tax, | 60.00 | | | | |
| | | | | | | | $365,498.87 |
| | " " | William Twist, Criminal Fees, | 71.96 | | | | |
| | " " | Isaac Davis, " " | 1.46 | | | | |
| | " " | Jos. Sanderson, " " | 38.05 | | | | |
| | " " | Thos. D. Cook, " " | 4.38 | | | | |
| | " " | J. C. Willey, " " | 200.00 | | | | |
| | " " | J. B. Rice, " " | 10.51 | | | | |
| | " " | H. H. Eames, Superintendent's account Cambridge Cemetery, | 2,050.95 | | | | |
| | " " | J. Hanscom, account Almshouse, | 3,839.75 | | | | |
| | " " | J. A. Holmes, Taxes, | 750.37 | | | | |
| | " " | Camb. Water Works Co., interest, | 3,000.00 | | | | |
| | " " | J. S. Ladd, Police Justice, | 3,500.00 | | | | |
| | " " | State of Mass., account Wash. Sq., | 2,000.00 | | | | |

| | | | |
|---|---|---|---|
| " | " | " " Pauper account, | 156.00 |
| " | " | " " School Fund, | 918.12 |
| " | " | Town of Brighton, repairs G. Bridge, | 70.36 |
| " | " | " Lexington, " " | 50.38 |
| " | " | " W. Cambridge, " " | 71.95 |
| " | " | W. A. Saunders, interest, | 60.00 |
| " | " | Houghton & Murdock, for land, | 2,377.96 |
| " | " | S. S. Green, weighing fees, | 108.88 |
| " | " | J. F. Jefferds, " " | 110.18 |
| " | " | J. Burridge, Jr., " " | 104.72 |
| " | " | I. C. Holmes, " " | 126.22 |
| " | " | J. Coffin, 15 City Bonds, $1000 each, | 15,000.00 |
| " | " | Com. Bridge Fund, Rep. of Bridges, | 3,313.17 |
| " | " | Sundry persons and Institutions, Temporary Loan, | 137,500.00 |
| " | " | J. Whitney, Collector Taxes, 1858, | 19,386.91 |
| " | " | " " " " 1859, | 153,466.98 |
| " | " | Sundry Drain Assessments, | 3,649.35 |
| " | " | " Grading " | 890.64 |
| | | | $365,498.87 |

| | | |
|---|---|---|
| Due for interest not called for, | 226.25 | |
| " " bills approved, not called for, | 1,918.84 | |
| | | $365,498.87 |

*Cambridge, Nov.* 30, 1859.

JOS. WHITNEY, *Treasurer.*

## ACCOUNT OF CITY DEBT DECEMBER 1, 1859.

| DATE. | RATE OF INTEREST. | TO WHOM PAYABLE. | AMOUNT. | WHEN PAYABLE. | INTEREST PAID TO. |
|---|---|---|---|---|---|
| November 6, 1850. | 5 1-2 | Lowell Institution for Savings, | 3,000.00 | November 6, 1870. | November 6, 1859. |
| January 23, 1851. | 5 1-2 | " " " " | 8,000.00 | January 23, 1871. | July 23, 1859. |
| December 16, 1851. | 6 | " " " " | 20,000.00 | Deeember 16, 1861. | June 16, 1859. |
| August 6, 1852. | 5 1-2 | " " " " | 12,900.00 | August 6, 1862. | August 6, 1859. |
| April 6, 1857. | 5 3-4 | " " " " | 30,000.00 | April 6, 1877. | October 6, 1859. |
| November 1, 1850. | 5 1-2 | D. McFarland, | 3,000.00 | November 1, 1865. | May 1, 1859. |
| February 12, 1851. | 5 1-2 | " " | 2,000.00 | February 12, 1866. | August 12, 1859. |
| September 5, 1850. | 5 3-4 | E. N. Holbrook, | 5,000.00 | September 5, 1862. | Mareh 5, 1859. |
| September 5, 1850. | 5 3-4 | Lynn Institution for Savings, | 5,000.00 | September 5, 1862. | Oetober 15, 1859. |
| October 12, 1850. | 5 1-2 | R. H. Dana, | 2,000.00 | October 12, 1862. | October 12, 1859. |
| February 10, 1853. | 5 | Boston Provident Inst. for Savings, | 10,000.00 | Febrnary 10, 1863. | August 10, 1859. |
| January 1, 1858. | 6 | E. Kendall, | 7,500.00 | January 1, 1860. | July 1, 1859. |
| July 1, 1858. | 5 | Cambridge City Bonds, | 7,000 00 | July 1, 1878. | July 1, 1859. |
| Oetober 18, 1856. | 5 3-4 | Ezekiel Kendall, | 4,000.00 | Oetober 18, 1861. | Oetober 18, 1859. |
| April 1, 1854. | 5 3-4 | J. H. Wilkins, | 5,000.00 | April 1, 1864. | Oetober 1, 1859. |
| April 1, 1854. | 5 3-4 | J. Whitehouse, | 1,000.00 | April 1, 1864. | Oetober 1, 1859. |
| March 30, 1854. | 5 3-4 | B. Wentworth, | 1,000.00 | September 30, 1862. | September 30, 1859. |
| May 26, 1856. | 6 | William Gay, | 8,000.00 | May 26, 1865. | May 26, 1859. |
| June 17, 1856. | 5 3-4 | Cambridgeport Savings Bank, | 5,000.00 | June 17, 1866. | July 10, 1859. |
| July 14, 1856. | 5 3-4 | " " " | 5,000 00 | July 14, 1866. | July 10, 1859. |
| July 18, 1856. | 5 3-4 | Cambridge Savings Bank, | 10,000.00 | July 18, 1864. | July 10, 1859. |
| June 1, 1857. | 6 | Robert Douglass, | 7,692.00 | June 1, 1867. | June 1, 1859. |
| June 1, 1858. | 6 | Dowse Institute Fund, | 10,000.00 | | June 1, 1859. |
| July 1, 1859. | 5 | Cambridge City Bonds, | 15,000.00 | July 1, 1879. | |
| | | | $187,092.00 | | |
| July 1, 1856. | 6 | Loan to Cambridge Water Works, | 50,000.00 | July 1, 1881. | July 1, 1859. |

## SCHEDULE OF NOTES DUE THE CITY OF CAMBRIDGE,

December 1, 1859.

| | | |
|---|---|---|
| J. B. Smith's | note, | $ 463.44 |
| " " " | " | 463.45 |
| N. Prentiss' | " | 1000.00 |
| Amory Houghton, | " | 877.06 |
| " " | " | 485.55 |
| " " | " | 486.37 |
| " " | " | 438.53 |
| " " | " | 972.75 |
| " " | " | 971.10 |
| Asa Murdock's | " | 967.50 |
| " " | " | 1,935.00 |
| Cambridge Water Works' Bond, | | 50,000.00 |
| | | $ 59,060.75 |

JOS. WHITNEY,

*City Treasurer.*

# REPORT

*Concerning the Real and Personal Property of the City.*

The Committee who were appointed to examine the real and personal property belonging to the City and report its estimated value, with a schedule thereof, have attended to the duty assigned them, aud report the following : —

*Personal Property connected with the Almshouse Establishment, according to an estimate and inventory made by the Overseers of the Poor, December* 1, 1859.

| | |
|---|---|
| Furniture, beds, bedding, and dry goods, | $ 2,031.45 |
| Stores, vegetables, &c., | 1,040.64 |
| Carpenter's, blacksmith's, and shoe-maker's tools, and stock on hand, | 826.00 |
| Hay, straw, manure, &c., | 665.00 |
| Horses, cows, hogs, hens, and stable furniture, | 1,507.25 |
| Wagons, carts, harnesses, &c., | 1,332.50 |
| | $ 7,402.84 |

*Real and Personal Property of the City.*

| | |
|---|---|
| The Public Commons. | |
| Fort Washington. | |
| Winthrop Square. | |
| Dana Square and Hastings Square. | |
| The Dana Library in City Hall. | |
| Burial Ground in Ward One. | |
| " " " Two. | |
| Gerry's Landing, " One. | |
| Cemetery Grounds, | $10,000.00 |
| Almshouse, | 27,500.00 |
| City Farm, | 15,000.00 |
| Eighteen School-houses, | 170,000.00 |
| House and land on Fourth street, Ward Three, | 1,500.00 |
| City Hall and fixtures, | 20,000.00 |
| Library and apparatus of High School, | 3,200.00 |
| Gravel Farm, | 10,000.00 |
| Five hay scales, | 1,600.00 |
| Nine horses, ($ 2,025.00,) — 12 harnesses, ($ 250,) | 2,275.00 |
| Seven carts, ($ 500,) — three sleds, ($ 225.00,) | 725.00 |
| Roller and plough, | 70.00 |
| Land and City stables, | 9,500.00 |
| Utensils for work on roads, | 150.00 |
| | $ 271,520.00 |

*Real and Personal Property connected with the Fire Department, according to an estimate made by the Chief Engineer, December* 1, 1859.

| | |
|---|---|
| Engine No. 1, and apparatus, | $ 1,550.00 |
| " " 2, " " | 1,400.00 |
| " " 3, " " | 1,275.00 |
| " " 4, " " | 1,175.00 |
| " " 5, " " | 1,275.00 |
| " " 6, " " | 1,400.00 |
| Hook and Ladder apparatus, | 500.00 |
| House and land, No. 1, | 3,000.00 |
| " " " " 2, | 3,200.00 |
| " " " " 3, | 2,700.00 |
| " " " " 4, | 3,000.00 |
| " " " " 5, | 2,600.00 |
| " " " " 6, | 2,000.00 |
| Seventy-three hydrants, $ 40 each, | 2,920.00 |
| | $ 27,995.00 |

## RECAPITULATION.

| | |
|---|---|
| Personal Property of the Almshouse, | $ 7,402.84 |
| Real and Personal Property of the City, | 271,520.00 |
| Property of Fire Department, | 27,995.00 |
| Total, | $306,917.84 |

All which is respectfully submitted.

A. K. P. WELCH,
JOHN LIVERMORE,
J. SHEPARD,
} *Sub-Committee.*

# REPORT

## OF THE COMMISSIONERS OF THE BRIDGE FUND.

---

The Commissioners of the Bridge Fund herewith submit their Annual Report for the current financial year, showing the amount of the Fund on the first day of December, 1858; the receipts upon the same, whether from interest or otherwise, together with the expenses that have been paid, and the present condition and amount of the Fund.

| | |
|---|---|
| *Amount of the Fund, December* 1, 1858, | $ 100,705.44 |
| Interest received, | 4,906.14 |
| Bank dividends, | 700.00 |
| Rent of toll-houses, | 228.00 |
| For paving stones, | 161.63 |
| | $ 106,701.21 |
| Expense of repairing bridges, | 3,313.17 |
| Present amount of Fund, | $ 103,388.04 |
| Which is invested as follows, to wit: — | |
| 66 Bonds Cambridge Horse Railroad Co., $ 500 each, | 33,000.00 |
| 10 Bonds City of Boston, $ 1,000 each, | 10,000.00 |
| 100 Shares Cambridge City Bank Stock, | 10,000.00 |
| I. Livermore's note secured by mortgage, | 7,500.00 |
| H. O. Houghton's " " " " | 7,000.00 |
| B. E. Colley's " " " " | 4,000.00 |
| R. Lamson's " " " " | 2,000.00 |
| A. H. Safford's " " " " | 2,500.00 |
| T. G. Rice's " " " " | 5,000.00 |
| A. Houghton's " " " " | 8,000.00 |
| Amount carried forward, | $ 89,000.00 |

| | | | | | |
|---|---|---|---|---|---|
| Amount brought forward, | | | | | $ 89,000.00 |
| G. W. Fifield's | note secured by mortgage, | | | | 1,200.00 |
| J. Sargent's | notes | " | " | " | 4,000.00 |
| A. Houghton's | note | " | " | " | 5,000.00 |
| J. & J. O. Wetherbee's | " | " | " | " | 4,000.00 |
| Cash on hand, | | | | | 188.04 |
| | | | | | $ 103,388.04 |

All of which is respectfully submitted.

JOHN SARGENT,
JOS. WHITNEY,
S. P. HEYWOOD,
} *Commissioners.*

*Cambridge, December* 16*th*, 1859.

# REPORT

OF THE

## COMMISSIONERS OF THE CAMBRIDGE CEMETERY,

DECEMBER 1, 1859.

---

The Commissioners of the Cemetery would submit the following Report of their doings the past year. It will show the amount received for lots sold, for work done, for burials, &c., — which will give the City Government all the needed information as to the financial affairs and the operations connected with the Cemetery.

| | |
|---|---|
| The amount received for lots, is | $ 903.10 |
| " " " " work, | 699.23 |
| " " " " burials, | 364.50 |
| " " " " sundries, | 64.12 |
| | $ 2,030.95 |

EXPENDITURES.

| | |
|---|---|
| For Superintendent's salary, | 595.83 |
| " labor, | 1,622.74 |
| | $ 2,218.57 |
| Leaving a balance against the Cemetery of | $ 187.62 |
| As an offset to this balance, | |
| Hay valued at | 100.00 |
| Muck from cemetery pond, | 100.00 |
| amounting in value to | $ 200.00 |

has been transported to the Almshouse for the use of the city, for which of course nothing has accrued to the Cemetery.

The number of lots sold during the past year is twenty-three.

The number of burials was, 170
The number removed from grave-yard in Ward Two, and buried in the Cemetery, 90

Making in all, 260

The Commissioners have found it necessary to increase the charge for placing a body in the Receiving Tomb, from one dollar to three. On account of the smallness of the fee for placing a body in the tomb, it, at times, has been inconveniently crowded. If the body is interred within the Cemetery, the fee remains as heretofore.

The accompanying schedule will show the number of graded lots, lots unsold, the number of iron fences, hedges, and other improvements in various parts of the grounds.

| | Graded Lots. | No. Unsold. | Fenced with Iron. | Fen'd with Granite. | With Hedges. | Monuments |
|---|---|---|---|---|---|---|
| Summit Avenue, | 49 | | 16 | | 2 | 7 |
| Sweet Brier Path, | 7 | | 5 | 1 | | 1 |
| Rose " | 1 | | 1 | | | |
| Elm Avenue, | 15 | | 5 | | | 4 |
| Linden " | 26 | 7 | 9 | | | 3 |
| Syringa Path, | 8 | 1 | | | 1 | |
| Central Avenue, | 22 | 2 | 7 | | 2 | 2 |
| Oak " | 57 | | 34 | | 1 | 5 |
| Crescent " | 33 | | 15 | | 1 | 4 |
| Acorn Path, | 16 | | 1 | | 1 | 1 |
| Laurel Avenue, | 18 | | 4 | | 2 | |
| Pine " | 3 | | 3 | | | 1 |
| Tulip Path, | 6 | 2 | | | | |
| Dell " | 19 | | 2 | | 2 | |
| Iris " | 7 | | 4 | | | 1 |
| Vine " | 5 | | 1 | | 2 | |
| River Avenue, | 57 | | 26 | 2 | 3 | 5 |
| Green Path, | 25 | | 1 | | 3 | |
| Bramble " | 9 | 2 | | | 2 | |
| | 373 | 14 | 134 | 3 | 22 | 34 |

Much has been done during the year to improve the appearance of the Cemetery, and to render it more attractive as a place of interment.

All which is respectfully submitted.

JOHN SARGENT,
ANSON HOOKER,
W. A. SAUNDERS,
ABRAHAM EDWARDS.

# REPORT

OF THE

# OVERSEERS OF THE POOR.

---

The Overseers of the Poor of the City of Cambridge herewith submit their Annual Report for the year ending December 1, 1859.

The average number of persons supported in the Almshouse was sixty-five.

Of this number fifty-seven were paupers; the balance were truants and persons committed to the Workhouse, or to the Almshouse, by the court, by due process of law. The whole number relieved or supported during the year was three hundred and sixty-nine.

The following schedule exhibits the amount of the appropriations and of the expenditures for the support of paupers, — the amount of money received, and the sources from which it was derived, — the proceeds of sales of the products of the farm, the fishery, and the ledge, together with the return made to the Commonwealth of the condition of the poor.

| | |
|---|---|
| The amount appropriated for the Almshouse was | $ 7,500.00 |
| Amount for the ledge, | 1,500.00 |
| Total of appropriations, | $ 9,000.00 |
| Amount of expenditures, | 8,846.53 |
| Unexpended balance, | 153.47 |

The following schedules exhibit the expenditures under the Almshouse and Ledge appropriations, and the sources from which the income was derived.

## EXPENDITURES.

| | |
|---|---|
| Paid salaries, | $ 725.00 |
| " for labor on the farm, | 682.00 |
| " " " " " ledge, | 614.37 |
| " " powder and ledge tools, | 117.27 |
| " " manure, | 366.00 |
| " " meat, | 702.04 |
| " " grain and meal, | 972.22 |
| " " flour and bread, | 866.77 |
| " " groceries, &c., | 980.49 |
| " " boots and shoes, | 197.60 |
| " " dry goods, | 331.34 |
| " " potatoes and seeds, | 162.87 |
| " " insane paupers, | 34.54 |
| " " convicts, | 42.56 |
| " " hardware and tools, | 234.70 |
| " " lumber, paint, &c., | 184.91 |
| " sundry small bills, | 765.78 |
| " Jacob Hanscom for sundries, | 132.42 |
| " Mrs. Hanscom, | 100.00 |
| " for sled, | 137.74 |
| " " blinds, | 99.36 |
| " " out-door assistance, | 196.83 |
| " sundry towns, | 199.72 |
| | $ 8,846.53 |

## RECEIPTS AND EARNINGS.

| | |
|---|---|
| Cash from products of the farm, | $ 2,000.43 |
| " for cellar and drain stone, | 956.21 |
| " " board of paupers, | 314.86 |
| " " " " sentenced persons, | 228.25 |
| " " fish, | 182.60 |
| " " cow and calves, | 43.40 |
| Amount carried forward, | $ 3,725.75 |

| | | |
|---|---|---|
| Amount brought forward, | $ 3,725.75 | |
| Cash for picking hair, | 12.00 | |
| " " small pigs, | 12.00 | |
| " " labor and blacksmith's work, | 65.00 | |
| " " old wagon, | 25.00 | |
| Due from the State, | 92.50 | |
| " " " County, | 773.02 | |
| " for board of paupers, | 749.16 | |
| " " stones sold to individuals, | 1,099.36 | |
| Amount of cellar stone delivered the City, | 435.78 | |
| Amount of drain stone delivered the City, | 1,402.00 | |
| Excess of personal property over 1859, | 410.37 | |
| | $ 8,801.94 | |
| Expenditure, | 8,846.53 | |
| Showing a total net expenditure for supporting paupers in and out of the Almshouse, exclusive of fuel, of | 34.59 | |

It should be stated, however, that a part of the amount due from the County for board of paupers and for stones, was not earned the present year.

The following schedule exhibits the expenditures and earnings from the ledge separately considered: —

| | | |
|---|---|---|
| Expended from the Treasury, | | $ 731.64 |
| Due for stone, December 1, 1858, | | 672.96 |
| | | $ 1,404.60 |
| Cash received for stones, | $ 956.21 | |
| Cellar stones for the city, | 435.75 | |
| Drain " " " " | 1,402.00 | |
| Now due for stones, | 1,099.36 | |
| | | $ 3,893.32 |

Leaving a balance in favor of the ledge of $ 2,488.72.

This amount should not be estimated as net profit to the

City, the keeping of the horses and the board of the men not being included, but the account exhibits the actual receipts and earnings from the labor of the paupers and convicts in that department after paying all other expenses.

*Return of the Condition of the Poor to the Secretary of State.*

| | |
|---|---|
| What number of persons have been supported or relieved during the year? | 369 |
| Of those how many have legal settlements in your town? | 70 |
| How many State paupers does your town support? | 4 |
| How many of the foreigners are from England and Ireland? | 9-10 |
| Have you an Almshouse? | Yes. |
| What number of acres of land is attached to your Almshouse establishment? | 33 |
| What is the estimated value of your Almshouse establishment? | $ 50,000.00 |
| What number of persons have been relieved in your Almshouse during the year? | 153 |
| What is the average weekly cost of supporting each pauper in the Almshouse? | $ 1.75 |
| What is the number of persons in your Almshouse unable to do any kind or amount of labor? | 10 |
| What is the estimated value of the labor performed by paupers in your Almshouse? | $ 500.00 |
| How many persons do you aid and support out of the Almshouse? | 312 |
| What is the average weekly cost of supplying each pauper out of the Almshouse? | None are entirely supported. |
| How many does your town support or relieve who are insane? | 4 |
| How many do you relieve or support who are idiots? | 5 |
| What number of persons relieved or supported as paupers during the year in your town, have become paupers by reason of insanity or idiocy? | 9 |

| | |
|---|---|
| What proportion of your paupers in your opinion have been made dependent by intemperance in themselves, or those who ought to have been their supporters ? | 9-10 |
| What number of your foreign paupers have come into the Commonwealth within one year ? | Unknown. |
| What is the total net amount of expense of supporting or relieving paupers in your town for one year, including interest on your Almshouse establishment ? | $ 11,000.00 |
| What amount does your town receive from the Treasury of the Commonwealth towards the support of State paupers ? | Nothing. |
| What is the average number supported in the Almshouse ? | 65 |

By comparing the foregoing tables with those of last year, it will be found that the receipts from the products of the farm were much larger than last year, and that the cash receipts from board of paupers and from the ledge were less. But there is a much larger amount due for board and for stone than at the close of last year. The fishery, although it somewhat improved upon the two preceding years, shows but a meagre revenue, not much more than sufficient to defray the expense necessarily incurred in its management.

The school is still continued for the benefit of truant boys, and other children connected with the Almshouse. It remains under the charge of Miss Olive J. Hanscom, who deserves great praise for her fidelity and untiring efforts to promote the welfare of the school, which we think now ranks equal with any school of the same grade in the city.

The institution still remains under the charge of Mr. Jacob Hanscom, and the best evidence of his fitness and fidelity will be found in the order, cleanliness, and comfort, which at all times pervades the establishment, and the pecuniary success which crowns his labors.

The matron, Mrs. Hanscom, still presides over her branch of the establishment with the same unaffected kindness, and the same unremitting care and attention for which she has ever been peculiarly distinguished.

All of which is respectfully submitted.

JOHN SARGENT,
GEO. W. FIFIELD,
BELCHER HANCOCK,
GEORGE T. GALE,
WILLIAM CALDWELL,
WILLIAM HUNNEWELL,
JAMES B. NASON,

*Overseers of the Poor.*

# REPORT

## Of Moses Clarke, M. D., Visiting Physician.

---

*To the Overseers of the Poor of the City of Cambridge :*

Gentlemen: — I have made regular daily visits to twenty-one persons at the Almshouse during the past year; of this number four have died, one from consumption, one from old age, one from dry gangrene of the foot, and one from dropsy of the chest; two are now under treatment, both from disease of the lungs. One child has been born in the house during the year.

Out of the house I have attended upon eleven persons, all of whom recovered.

The sick have at all times received the kindest care from the Warden and his family.

For your courtesy to me during the year, accept my thanks.

Very respectfully,

MOSES CLARKE.

*Cambridge, Dec.* 31, 1859.

# REPORT

## Of John S. Ladd, Esq., Justice of the Police Court.

---

*To the Honorable the City Council of the City of Cambridge:*

The undersigned, Justice of the Police Court in Cambridge, respectfully reports, that the number of criminal causes examined before said Court, during the year ending the thirtieth day of November last, was six hundred and thirty-six, — resulting in five hundred and twenty convictions, seventy-one acquittals, and forty-five sent up for examination before the Grand Jury. Twenty appeals were taken, of which ten were from convictions under the law relating to the sale of intoxicating liquors. The accompanying table exhibits the various offences for which prosecutions were instituted, and the result thereof.

The fees accruing to the use of the City, for the year aforesaid, have been received in part only. They amount to the sum of three thousand five hundred and seventy-four dollars and four cents, and are taxed as follows:

| | | | | | | |
|---|---|---|---|---|---|---|
| Justice's | fees | in | criminal | cases, | | $ 1,417.40 |
| " | " | " | civil | " | about, | 340.00 |
| Officers' | " | " | criminal | " | | 1,594.10 |
| Witnesses' | " | " | " | " | | 222.54 |
| Total, | | | | | | $ 3,574.04 |

The undersigned has received to the use of the City, since his last annual report, the sum of seventeen dollars for fines imposed for violations of City Ordinances, and from all other sources the sum of three thousand four hundred and fifty-two dollars and three cents, — which, with the sum of two hundred ninety dollars and two cents, — the balance in the hands

of the undersigned at the date of his last annual report, — amount to three thousand seven hundred and fifty-nine dollars and five cents: And the undersigned has paid into the City Treasury three thousand five hundred dollars, leaving a balance in his hands of two hundred and fifty-nine dollars and five cents.

All which is respectfully submitted.

JOHN S. LADD.

*Cambridge, Dec.* 1, 1859.

*Table exhibiting the number of Criminal Causes adjudicated in the Police Court in Cambridge, during the year ending Nov.* 30, 1859.

| OFFENCES AGAINST THE PERSON. | Convicted. | Acquitted. | Bound over to S. C. | Appealed. |
|---|---|---|---|---|
| Homicide, | 0 | 0 | 1 | 0 |
| Felonious assault, | 0 | 0 | 3 | 0 |
| Robbery, | 0 | 0 | 1 | 0 |
| Assaulting officer, | 7 | 0 | 0 | 0 |
| Assault and battery, | 69 | 16 | 1 | 0 |
| OFFENCES AGAINST PROPERTY. | | | | |
| Simple larceny, | 31 | 5 | 0 | 0 |
| Aggravated " | 29 | 4 | 4 | 2 |
| Burglary, | 0 | 0 | 6 | 0 |
| Shop-breaking, | 0 | 0 | 10 | 0 |
| Receiving stolen property, | 1 | 1 | 1 | 0 |
| Malicious mischief, | 4 | 2 | 2 | 0 |
| Malicious burning, | 0 | 1 | 5 | 0 |
| Misdemeanor, | 2 | 0 | 3 | 0 |
| AGAINST THE PUBLIC PEACE AND MORALITY. | | | | |
| Disturbing the peace, and disorderly persons, | 21 | 6 | 0 | 0 |
| Surety of the peace, | 9 | 8 | 0 | 1 |
| Vagrancy, | 20 | 2 | 0 | 0 |
| Drunkenness, | 199 | 13 | 0 | 0 |
| " second offence, | 7 | 0 | 0 | 0 |
| Common drunkard, | 75 | 3 | 0 | 2 |
| " seller of intoxicating liquor, | 11 | 2 | 0 | 10 |
| Single sale of do. | 4 | 3 | 0 | 3 |
| Adultery, | 0 | 0 | 5 | 0 |
| VIOLATION OF CITY ORDINANCES, | 5 | 0 | 0 | 1 |
| OTHER OFFENCES, | 26 | 5 | 3 | 1 |

# REPORT

OF THE

# CHIEF ENGINEER OF THE FIRE DEPARTMENT.

---

ENGINEERS' OFFICE,
*Cambridge, Dec.* 19, 1859.

*To the Honorable Mayor and Aldermen:*

GENTLEMEN: — In accordance with the requirements of Section Six of the Fire Ordinance, I present the following Report of the condition of the Houses, Engines, Hook and Ladder Carriage, and the apparatus thereto belonging; also a Roll of the Officers and Members of the Fire Department, the number of Fires and Alarms, the amount of loss by fire, and insurance on the same, and the number and location of Reservoirs and Hydrants. The Department is in good condition, prompt and efficient; but fifteen vacancies existing in the entire Roll. The Fire Police are efficient, and render valuable assistance to the Department. The whole number of alarms was forty-eight, twenty-seven of which were for fires in the city, eight for fires out of city, and thirteen from other causes. The houses are in good condition. The labor of the Department has been less for the past year than for many previous, and the rolls of the companies have averaged larger than usual. Engines were used at eighteen fires, four only of which required the use of all the engines of the Department. Assistance has been rendered at fires out of the city seven times; received assistance three times.

All of which is respectfully submitted.

GEORGE B. EATON,
*Chief Engineer.*

## ENGINEERS.

*Chief Engineer,*

GEORGE B. EATON, Columbia, cor. Washington St.

*Assistant Engineers.*

CHARLES B. STEVENS, Otis street.
GEORGE H. FOWLER, (Sec. of Bd.) Broadway, cor. Hampshire street.
ANDREW J. JONES, Shepard street.
CHARLES L. RUSSELL, Pleasant street.

---

## CAMBRIDGE ENGINE CO., No. 1.

*House on Church Street, Ward* 1.

LEONARD L. DANIELS, *Foreman.*
SAMUEL E. DAY, 1*st. Ass't.* "
CHARLES H. BATE, 2*d.* " "
JOHN P. WHITE, *Clerk.*
PATRICK CARLAN, *Steward.*

| | | |
|---|---|---|
| Charles H. Ryan. | Benj. F. Garland. | John L. Newman. |
| J. F. Chamberlin. | Henry M. Tyler. | G. E Richardson. |
| Gilman G. Lane. | George F. Mumler. | Bernard McElearry. |
| George O. Rollins. | James Hilton. | William Ware. |
| James B. Kent. | David H. Brewer. | Albert Berry. |
| Benjamin F. Berry. | Denis J. Crowley. | H. S. Lenfest. |
| S. O. Sawin. | Daniel McAllister. | George T. Tucker. |
| Albert E. Geer. | John L. Norris. | James Hall, jr. |
| Thos. J. Kiernan. | Thomas H. Brewer. | Geo. A. Thurston. |
| John F. Mumler. | Obed Shepard. | |

Thirty-four Members.

*Condition of House and Apparatus.*

House in good condition. Engine new, received June 20th, in exchange for old; 22 feet Suction, 1 Pipe, 2 Axes, new; Hose Carriage, 550 feet Leading Hose, 1 Blunderbuss, good; 200 feet Leading Hose, ordinary.

Engine built by Hunneman & Co.

### UNION ENGINE CO., No. 2.

*House on Main, near Windsor Street, Ward* 4.

FREDERICK W. HAGAR, *Foreman.*
ROBERT B. LAIRD, 1*st Ass't.* "
JOSEPH H. MARVIN, 2*d* " "
WILLIAM CADE, *Clerk.*
EDWARD A. BROWN, *Steward.*

| | | |
|---|---|---|
| Eben F. Bixby. | Jesse M. Ray. | Richard Marvin. |
| F. H. Thorpe. | Allen M. Chambers. | James A. Martin. |
| Darius M. Richards. | Thomas Houghton. | Henry Pratt. |
| Ezekiel Cartwright. | James Bennett. | James McKown. |
| Charles Nowell. | G. H. Coolidge. | Isaac Bullard. |
| Levi Hawkes. | James Henry. | Thomas Day. |
| Martin V. B. Day. | Augustus Tallack. | Frederick Jennings. |
| Timothy McCarty. | William McGrath. | Benj. C. Litchfield. |
| B. F. Scanlan. | William Lawson. | Edward L. Bowers. |
| G. H. Copeland. | James Berwick. | Gorham B. Messer. |
| William Martin. | Henry Kneeland. | Franklin Sanborn. |

Thirty-eight Members.

*Condition of House and Apparatus.*

House in good condition. Engine, 26 feet Suction Hose, 5 Buckets, 2 Pipes, 2 Axes, good ; Hose Carriage, 550 Leading Hose, 1 Blunderbuss, good ; 200 feet Hose, ordinary.

Engine built by Howard & Davis.

---

### NIAGARA ENGINE CO., No. 3.

*House on Cambridge Street, Ward* 3.

WILLIAM SMITH, *Foreman.*
EDWARD H. DWYER, 1*st Ass't.* "
ISAAC ATKINS, 2*d* " "
STILLMAN SMITH, *Clerk.*
DANIEL K. WHEELOCK, *Steward.*

| | | |
|---|---|---|
| Levi H. Lincoln. | Frank Howard. | William R. Adams. |
| James McLaughlin. | William Loring. | William Mullett. |

| | | |
|---|---|---|
| A. W. Nelson. | William Lincoln. | George E. Daley. |
| Edward K. Travis. | William Hazlett. | J. H. O'Brien. |
| John Dormer. | William H. Lowell. | David Gardner. |
| William H. Clucus. | Thomas Casey. | F. J. McElroy. |
| George H. Dale. | James Nichols. | C. W. Jones. |
| Frank Pierre. | Curtis Hobbs. | Josiah M. Nottage. |
| John M. Byrnes. | Reuben Atkins. | Samuel Dustin. |
| Thomas Woods. | George H. Taylor. | William Mellen. |
| Thomas Dale. | William Porter. | Silas Atkins. |

Thirty-eight Members.

*Condition of House and Apparatus.*

House in good condition. Engine in good working condition, but rather dilapidated from long service. 26 feet Suction Hose, 6 Buckets, 2 Pipes, 2 Axes, good; Hose Carriage, 750 feet Leading Hose, 1 Blunderbuss, good; 50 feet Hose, ordinary.

Engine built by Thayer.

---

### HYDRANT ENGINE CO., No. 4.

*House at Junction of Western Avenue and River Street, Ward 4.*

Byron Bailey, *Foreman.*
Benjamin Crosscup, *1st Ass't.* "
Charles E. Hancock, *2d* " "
Myram W. Harwood, *Clerk.*
Joseph Peirce, *Steward.*

| | | |
|---|---|---|
| William Norris. | Peter R. Davis. | Henry Young. |
| James S. Cole. | Leander Greeley. | William Dolan. |
| T. B. Wentworth. | Benj. F. Watts. | Charles Smith. |
| Albert Norris. | Joseph Cross. | Charles P. Welch. |
| Isaac W. Bailey. | Harrison Simpson. | William F. Priest. |
| Newell Martin, jr. | Henry J. Orcutt. | Hamilton Moses. |
| B. L. Wentworth. | Joseph S. Dolbeare. | T. S. Wentworth. |
| John Young. | John Smith. | Jacob A. Holt. |

| | | |
|---|---|---|
| Sanford A. Parker. | Charles Dyer. | Leander A. Kellum. |
| Joseph Cartwright. | James Crosscup. | Frank H. Rice. |
| G. H. Batchelder. | Benjamin Scott. | Lewis V. Hanson. |

Thirty-eight members.

*Condition of Engine House and Apparatus.*

House in good condition. Engine, 27 feet Suction Hose, 6 Buckets, 2 Pipes, 2 Axes, good; Hose Carriage, 700 feet Leading Hose, 1 Blunderbuss, good.

Engine built by Hunneman.

---

## DANIEL WEBSTER ENGINE CO., No. 5.

*House on North Avenue, near Winthrop School House, Ward 5.*

Edward S. Marston, *Foreman.*
Charles E. Presby, *1st Ass't.* "
David Gerry, *2d* " "
Henry A. Haynes, *Clerk.*
Nathan W. Wilson, *Steward, Pro tem.*

| | | |
|---|---|---|
| Eliphalet Griffin. | John J. Henderson. | John F. Rice. |
| C. F. Davenport. | R. Henderson. | Joseph Snow. |
| Frederick A. Gerry. | Daniel O'Connell. | Elbridge Perkins. |
| George H. Cutter. | J. A. Henderson. | Albert Morse. |
| George Newton. | H. E. Hutchinson. | Alonzo Lewis. |
| Levi D. Hall, jr. | Abel A. Fox. | Josiah Johnson. |
| Erastus Hutchinson. | William Friend. | A. S. Thompson. |
| William B. Eaton. | David D. Claflin. | S. L. Butman. |
| Stephen Stiles. | Patrick Delay. | J. H. Bass. |
| James H. Nason. | John Conley. | E. Lincoln. |
| Oliver A. Bond. | W. Richardson. | Charles S. Fell. |
| W. H. Thompson. | Samuel Stiles. | |

Forty Members.

*Condition of Engine House and Apparatus.*

House in good condition. Engine, 28 feet Suction Hose, 6 Buckets, 1 Pipe, 2 Axes, good; Hose Carriage, 650 feet Leading Hose, 1 Blunderbuss, good; 50 feet Hose, ordinary.

Engine built by Howard & Davis.

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## PIONEER ENGINE CO., No. 6.

*House corner of Main and Dock Streets, Ward 2.*

William J. Atkins, *Foreman.*
Charles McGrath, 1*st Ass't.* "
James H. Prince, 2*d* " "
Samuel F. Hunt, *Clerk.*
Alfred S. Grant, *Steward.*

| | | |
|---|---|---|
| Perley W. Wells. | Daniel B. C. Hill. | Joshua S. Sanborn. |
| Charles Copp. | John Gaffney. | George Greenleaf. |
| R. C. Brown. | Asa Williams. | Michael Hartigan. |
| Henry H. Abbott. | Charles Howlett. | Collins Crosscup. |
| Daniel Messer. | Enos Allen. | William Berry. |
| S. A. Goodrich. | Eli Whitely. | Peter Colgan. |
| John Murphy. | S. Cartwright. | John Deasy. |
| Charles Howard. | William Black. | Allen H. Abbott. |
| William Cutting. | Timothy Nelson. | D. W. Donovan. |
| James Murphy. | James Conly. | Helery B. Andrews. |
| Henry Bosworth. | Albert Pearce. | Marcus M. Grant. |
| George Hixon. | Frederick Pearce. | |

Forty Members.

*Condition of Engine House and Apparatus.*

House in good condition. Engine, 26 feet Suction Hose, 4 Buckets, 2 Pipes, 2 Axes, good; Hose Carriage, 550 feet Leading Hose, 1 Blunderbuss, good; 200 feet Hose, ordinary.

Engine built by Hunneman.

## FRANKLIN HOOK AND LADDER CO., No. 1.

*House on Main, near Windsor Street, Ward* 4.

SAMUEL E. CHAMBERLAIN, *Foreman.*
WEBB HARDING, 1*st Ass't* "
THEODORE COLLAMORE, 2*d* " "
GEORGE S. PIKE, *Clerk.*
JACKSON HALL, *Steward.*

| | | |
|---|---|---|
| James Ewell. | William H. Smart. | Henry Russell. |
| A. J. Foster. | John C. Ford. | Daniel Hayes. |
| Henry M. Jones. | William Sawyer. | John H. Burgess. |
| Daniel Cross. | Daniel E. Frasier. | Isaac Rivers. |
| Luther Bright. | James Pettingill. | A. P. Hanson. |
| Israel Woodbury. | Gustavus A. Smart. | |

Twenty-two Members.

*Condition of House and Apparatus.*

House in good condition. Carriage, 12 Ladders of various lengths, from 12 to 35 feet, 1 Splice Ladder, 52 feet in length, 2 Guy Ropes, 8 Buckets, 3 large Hooks with chain and rope attached, 2 small Hand Hooks, 4 Chain Dogs, 4 Rakes, 5 Forks, 4 Axes, 5 Crotch Poles, 2 Crow-bars, 2 Saws, 1 Harness, good.

There are two long Ladders beside the fence in the yard of the First Methodist Society, Third St., Ward 3, in good condition.

In addition to the articles herein described, the Companies are furnished with the requisite number of badges, keys, fire-hats, belts, spanners, signal lanterns, crow-bars, hydrant wrenches, goose-necks, and all the necessary apparatus for use in the performance of their respective duties.

### FIRE POLICE.

| | |
|---|---|
| Allen B. Parsons, Ward 1. | Moses Ricker, Ward 4. |
| Thomas Work, " 4. | Henry A. Hills, " 3. |

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### HUNNEMAN ENGINE COMPANY, No. 7.

*House on Church Street, Ward* 1.

F. L. Chapman, *Foreman.*

The duties of this Company are confined to the Ward, as the apparatus in their charge is private property, but by an agreement with the City, they go to other parts when required. They receive $100 per year from the City for repairs, and $8 per hour for services rendered. It is a large and efficient Company, and indispensable in that locality.

## COMPENSATION OF THE CAMBRIDGE FIRE DEPARTMENT.

The compensation of the Cambridge Fire Department, is as follows:

Chief Engineer, $ 300 per annum; Assistants, each $ 100 per annum; Secretary of the Board, $ 25 per annum.

| | |
|---|---|
| Foreman of Company, . . | $ 60 per annum. |
| First Assist. Foreman, . . | 50 " " |
| Second " " . . | 45 " " |
| Clerk, . . . . . | 55 " " |
| Steward, . . . . | 115 " " |
| Members of Companies, . . | 40 " " |
| Allowance for Fuel and Lights, | 25 " " |

[The compensation of Engine Company No. 5, in Ward No. Five, is one half of the above, with the exception of the Steward's, which is $ 85; but the allowance for Fuel and Lights is the same as to the other companies.

The Steward of the Hook and Ladder Company receives $ 70, and the allowance for Fuel and Lights is $ 15.]

## RESERVOIRS.

### LOCATED IN WARD ONE.

Corner Main and Dana streets.
Mt. Auburn street, foot of Linden street.
" " opposite Orthodox Church.
Corner Brighton and Spring streets.
Brattle street, south end Appian Way.
Garden street, north " " "
School Court, north end.
Junction Garden street and Concord Av. opposite Arsenal.
Square front of house of late Dr. Holmes.
Kirkland, opposite Oxford street.
Sumner street, opposite residence of Mr. Lerned.
Cambridge street, opposite Richardson's Buildings.
Prescott street, near J. D. Green's barn.
Bow street, centre of Square.
College Yard.

### LOCATED IN WARD TWO.

Junction Main street and Broadway.
Pioneer street, front of School-house.
Corner Harvard and Davis streets.
Broadway, corner of Windsor street.
Corner Washington and Windsor streets.
Harvard street, head of Cherry.
Corner Harvard and Norfolk streets.
Harvard street, opposite Burial Ground.
Corner Harvard and Prospect streets.
Corner Essex and Austin streets.
Corner Main and Hancock streets.
Broadway, head of Tremont street.
Prospect st., 175 feet north of Broadway.
Norfolk street, midway between Broadway and Hampshire street.
Corner Harvard and Columbia streets.
Austin street, opp. house of Aaron Rice.
Corner Inman and Harvard streets.
Corner Bristol and Hampshire streets.
Corner Medford and Cambridge streets.
Corner Tremont and Gardner streets.
Corner Washington and Cherry streets.

### LOCATED IN WARD THREE.

Front of Hotel, junction Bridge and Gore streets.
Corner Gore and North Third streets.
Cambridge street, 70 feet east of North Third street.
Corner South Sixth and Spring streets.
Corner Otis and Fourth streets.
Corner Cambridge and south Fifth sts.
Corner Thorndike and Third streets.
New England Glass Co.'s Yard.
Winchester's Factory Yard.

### LOCATED IN WARD FOUR.

Corner Washington and Harrison streets.
East end of School street, near Brooks' Buildings.
Main street, 50 feet west of Car Factory.
Main street, near Hovey's Bacon Works.
Corner School and Cherry streets.
Corner Brookline and Auburn streets.
Corner Pearl and Franklin streets.
Junction Western Av. and Pleasant st.
Corner Main and Cross streets.
Corner Magazine and Williams streets.
Main street, near Liberty Pole.
Corner Main and Brookline streets.
Corner Austin and Douglass streets.
Main st., Square east of Irving House.
Pearl street, near Jones & Co.'s Factory.
Main street, junction of Western Avenue and River street.
Corner Main and Austin streets.
Green street, opposite house of Daniel Stone.
Main street, east side of D. Osborn's Factory.
Corner Washington and Pine streets.

### LOCATED IN WARD FIVE.

North Avenue, near junction Waterhouse street.
North Avenue, near Engine House No. Five.

## HYDRANTS.

### LOCATED IN WARD ONE.

On Brattle street, on the line between Messrs. Longfellow and Hastings.
Corner Brattle and Ash streets.
Corner Brattle and Hilliard streets.
On Brattle street, at the corner Brattle House estate, near big tree.
On Harvard street, opp. Harvard Block.
Junction of Main and Harvard streets.
Corner Main and Trowbridge streets.
Corner Harvard and Remington streets.
On Cambridge street, opposite Scientific School.
Corner Cambridge and Sumner streets.
Corner Cambridge and Baldwin streets.
Corner of Garden and Mason streets.
On Waterhouse street.
Corner Mt. Auburn and Brighton sts.
Corner Mt. Auburn and Howard streets.
Corner Dunster and South streets.
On Kirkland street, opposite Divinity Hall Avenue.
On Oxford street.
On North Avenue, opp. Linnæan street.
Corner North Avenue and Shepard st.
Between the rails of R. R. track, in front of Lyceum Hall.

### LOCATED IN WARD TWO.

Corner Main and Lee streets.
Corner Main and Hancock streets.
On Moore, head of Hastings street.
Corner Washington and Clark streets.
Corner Harvard and Clark streets.
On Norfolk street, head of Washington street.
On Essex street, westerly side, midway between Harvard and Austin streets.
On Cambridge street, north side, near junction of Hampshire and Cambridge streets.
On Main, opposite Pleasant street.
Corner Main and Essex streets.
On Cambridge street, cor. Willow Place.
On Cambridge street, opposite the head of Maple Place.
Corner Broadway and Davis street.
Corner Harvard and Dana streets.
Corner Harvard and Hancock streets.
Corner Columbia and Washington sts.
On Prospect street, near L. Valentine's.
Corner Prospect street and Broadway.
Corner Prospect and Hampshire sts.
Corner Norfolk and Hampshire sts.
On Tremont Street, Near Wellington's house.
Main, corner of Dock street.

### LOCATED IN WARD THREE.

Corner Cambridge and Sixth streets.
Corner Cambridge and Third streets.
Junction Cambridge and Bridge streets.
On Cambridge street, opposite Wellington's counting room.
On North street, near Glass Works cutting shop.
On Bridge street, south side, opposite the head of Water street.
Corner Cambridge street and Franklin Alley.
Corner Fifth and Gore streets.
Corner Second and Otis streets.
On Bridge street, opposite the Bay State Glass House.
Corner Otis and Seventh streets.
Corner Thorndike and Sixth streets.
Corner Thorndike and Fifth streets.

### LOCATED IN WARD FOUR.

Corner Main and Columbia streets.
Near junction of Main and Austin sts.
Corner Main and Windsor streets.
Junction of Front and State streets.
On Washington street, near east end.
On Main street, opp. Brooks' Buildings.
On River, opposite Cottage street.
On River, opposite Harrison Avenue.
Corner River and Franklin streets.
Corner Pearl and Cottage streets.
Corner Pearl and Auburn streets.
Corner Brookline and Franklin sts.
On Main street, opposite John Livermore's house.
Foot of School street.
Magazine, near Short street.

### LOCATED IN WARD FIVE.

Between the rails of R. R. track, opposite office door.

## FIRES AND ALARMS FROM DECEMBER 18, 1858, TO DECEMBER 18, 1859.

| Date. | Owner or Occupant. | Situation. | Loss. | Insurance. | Causes, &c. |
|---|---|---|---|---|---|
| 1858. | | | | | |
| Dec. 21 | Mrs. Horatio Greenough, | Dwelling House, Cambridge Street, Ward I., | Trifling. | | Defect in furnace. |
| " 23 | Mrs. Curran, | Barn, Dublin Street, Ward V., | $45 | | Clothes took fire in house and were removed to barn before extinguished. |
| " 23 | City of Cambridge, | Otis School House, Otis Street, | 5,000 | $2,000 | Took from stove. |
| 1859. | | | | | |
| Jan. 7 | Martha P. Gregory, | Porter House, Brighton Street, | 1,000 | 250 | Incendiary. |
| " 7 | Alarm, | | | | Fog rising from marsh—had appearance of smoke. |
| " 8 | A. A. Coffin, | Magazine Street, | Trifling. | | Slacking of lime in cellar set fire to casks. |
| " 8 | Frank Pierre, | Putnam Glass House, Bridge Street, | " | | Tar took fire from furnace. |
| " 9 | Alarm, | Stack of Hay, Prince Street, | | | Unknown. |
| " 10 | " | Charlestown, | | | Fire in Charlestown. |
| " 16 | " | Washington Street, | | | Chimney on fire. |
| Feb. 2 | " | Fresh Pond, | | | Burning tar barrels on the ice. |
| " 4 | Frank Pierre, | Putnam Glass House, Bridge Street, chiefly stock, | 500 | 250 | Insecure furnace. |
| " 18 | Alarm, | Roxbury, | | | Fire in Roxbury. |
| " 19 | Benj. F. Wyeth, | Brattle House, Brattle Street, | | | Gas from broken gas pipe took fire. |
| " 24 | Alarm, | | | | False. |
| March 4 | " | Kerosene Oil Works, Court Street, | | | Barrel of tar took fire. |
| " 12 | " | | | | Man crying clams. |
| " 27 | K. S. Chaffee & Co., | Charcoal Shed, Bridge Street, | Trifling. | | Incendiary. |
| " 28 | Mrs. Campbell, | Fourth Street, | | | Bursting of fluid lamp. |
| April 1 | Alarm, | Brighton, | | | Fire in Brighton. |
| " 8 | " | Fourth Street, | | | Barrel of rubbish fired by boys. |
| " 10 | " | Brookline Street, | | | Unusual light in a cooper's shop Sunday evening. |
| " 21 | " | | | | Loud hallooing by boys at play. |

| | | | | | |
|---|---|---|---|---|---|
| May 2 | " | Boston, | | | Fire in Boston. |
| " 3 | N. P. Godfrey, | Shed, River Street, | 30 | | Incendiary. |
| " 8 | Hovey & Co., | Pyroteehnic Works, Harvard Street, Ward II, | 25 | | Spontaneous combustion of chemicals. |
| " 13 | Gorham Emerson, | Privy, Norfolk Street, Ward II., | Trifling. | | Boys smoking paper cigars. |
| " 14 | John Hagan, | Dwelling House, Fourth Street, | 100 | 100 | Incendiary. |
| " 29 | Bay State Glass Co., | Glass House, Bridge Street, | Trifling. | | Spark from furnace fired some tar. |
| June 2 | Alarm, | Somerville, | | | Fire in Somerville. |
| " 13 | J. Dana Hovey, | Barn, Brookline Street, | 150 | 75 | Unknown. |
| " 28 | Kenny & Pieree, | Ice House, cor. East and North Sts., | 1,000 | 250 | " |
| " 29 | Alarm, | | | | Rekindling of ruins. |
| July 12 | S. P. Heywood, | Store House, Austin Street, | 125 | 125 | Neighbor purifying barrel with brimstone. |
| " 14 | Alarm, | Chelsea, | | | Fire in Chelsea. |
| " 16 | Hilliard Estate, | Barn, North Avenue, Ward V., | 50 | 50 | Incendiary. |
| " 30 | Isaac Hyde, | Planing Mill, Brighton Street, | 4,000 | 1,000 | " |
| | Berry & Trull, | Stoek in Mill, " " | 1,200 | 800 | |
| Aug. 28 | Alarm, | Brighton, | | | Fire in Brighton. |
| Sept. 5 | " | " | | | " " " |
| " 14 | John Hanley, | Dwelling House, Gore Street, | 25 | | Defeet in Chimney. |
| " 30 | D. Osborn, | Engine House, foot of State Street, | | | Shavings in front of furnace. |
| Oet. 5 | Alarm, | Rear of Harlow House, Main Street, | | | Hot ashes put in barrel of shavings in yard. |
| " 14 | Mrs. Buxton, | Dwelling House, Appian Way, | 100 | 100 | Incendiary. |
| " 27 | G. M. Sawyer, | Barn, River Street, | Trifling. | | Unknown. |
| Nov. 1 | Alarm, | Near foot of Washington Street, | | | House filled with smoke from stove funnel. |
| Dec. 2 | " | Suffolk Street Block, | | | Fluid lamp burst. |
| " 8 | Thos. Holahan, | Harvard Street, Wooden Block | | | Clothes put on stove funnel to dry took fire. |
| " 16 | Robert Cross, | Pleasant Street, | | | Shavings took fire in eellar—supposed aceidental. |
| | | | $13,350 | $5,000 | |

## RECAPITULATION.

| | | | |
|---|---|---|---|
| Number of Engineers, | | | 5 |
| " | Members, | | 250 |
| " | Fire Police, | | 4 |
| " | Engines, | | 6 |
| " | Hose Carriages, | | 7 |
| " | Feet of Suction Hose, | | 158 |
| " | Buckets, | | 39 |
| " | Pipes, | | 10 |
| " | Axes, | | 17 |
| " | Feet of Leading Hose, | | 4,450 |
| " | Blunderbusses, | | 6 |
| " | Hook & Ladder Carriages, | | 1 |
| " | Ladders, | | 15 |
| " | Hooks, | | 5 |
| " | Crotch Poles, | | 5 |
| " | Rakes, | | 4 |
| " | Forks, | | 5 |
| " | Fire Hats, | | 39 |
| " | Reservoirs, | | 65 |
| " | Hydrants, | | 73 |
| " | Alarms from fires in City, | 27 | |
| | " " " out of " | 8 | |
| " | " " other causes, | 13 | |
| | | | 48 |
| Loss on Buildings, | | $ 11,700 | |
| " " Stock, | | 1,650 | |
| | | | $ 13,350 |
| Insured, | | | 5,000 |

# REPORT

## Of George W. Fifield, Superintendent of Streets, and of Drains.

City of Cambridge, Dec. 21, 1859.

*To the Honorable City Council:*

The undersigned, believing that the annual expenditures in the different departments which come under his supervision, are of sufficient magnitude to warrant their being presented somewhat in detail to the City Council, asks leave to submit the following

## REPORT.

### ROADS AND SIDEWALKS.

| | |
|---|---|
| The appropriation for Roads and Sidewalks, for the financial year ending November 30, 1859, was | $ 15,000.00 |
| Additional, | 2,700.00 |
| Total, | $ 17,700.00 |
| Expended, | 17,694.55 |
| Balance unexpended, | 5.45 |
| Cash received and paid to the Treasurer on account of Roads, | $ 331.27 |

From the above appropriation, there was expended about $ 1,500, to provide more suitable accommodations for the City teams, and although the accommodations are not all that would seem desirable, or that economy would require, they are far superior to anything which the City has heretofore provided.

The appropriations being less than the preceding year, it

was thought advisable by the Surveyors of Highways to reduce the road force; consequently a portion of the horses employed upon the roads were disposed of, and a part of the men discharged early in the year.

With a reduced regular force, and limited means for employing extra help, it could not reasonably be expected that any very extensive improvements would be made upon the streets.

The high tides of the past winter made it necessary to expend upwards of $ 1000, in repairs upon the Main street, and to prevent the future overflow of Broadway and Hampshire streets.

During the past winter and spring, about 6000 yards of gravel were teamed from Belmont, and distributed upon the streets. By the construction of railroad tracks through North Avenue and Cambridge street, a large amount of labor devolved upon the Road department, principally in grading sidewalks.

The teams have been employed through the summer and fall a large portion of the time, either in removing the surplus earth from new drains being constructed, or in waiting upon pavers, and in grading sidewalks, made necessary by abuttors furnishing their curbstone.

7500 feet of curbstone have been set the past season, and 3000 yards of paving done in gutters.

1126 yards of crosswalks have been laid, and 2863 yards of brick paving done, requiring for the same, about 150,000 brick.

The cost of the above paving, to the Road appropriation, has not been less than $ 3,500.

## PAVING.

| | |
|---|---|
| The appropiation for paving, for the financial year ending November 30, 1859, was | $ 5,000.00 |
| Expended, | 1,746.27 |
| Balance unexpended, | 3,253.74 |

As it was thought early in the season not desirable to expend the appropriation for paving a portion of the streets,

the expense in this department has been principally for labor in setting curbstone, paving gutters, crosswalks, and sidewalks.

### BRIDGES.

| | |
|---|---|
| The appropriation for Bridges, for the financial year ending November 30, was | $ 2,500.00 |
| Expended, | 1,151.46 |
| Balance unexpended, | 1,348.54 |

### West Boston and Canal Bridges.

| | |
|---|---|
| The appropriation for West Boston and Canal Bridges, for the financial year ending November 30, was | $ 3,500.00 |
| Expended, | 3,313.17 |
| Balance unexpended, | 186.83 |
| Cash received for rents, &c., and paid to the Treasurer, | $ 389.63 |

About $ 650 of the above expense was for block stone laid upon West Boston Bridge.

It will soon be necessary to provide means of drainage for the westerly end of West Boston Bridge, as the building of wharves on the northerly side will prevent the flow of water from the original outlets.

*Schedule of Property belonging to the Street Department.*

| | |
|---|---|
| Nine Horses, | $ 2,200.00 |
| Twelve Harnesses, | 250.00 |
| Seven Carts, | 500.00 |
| Three Sleds, | 225.00 |
| One Stone Roller, | 50.00 |
| One Plough, | 20.00 |
| Utensils for work on Roads, | 150.00 |
| | $ 3,395.00 |

In conclusion, permit me to suggest that I should not deem it expedient to increase the regular force employed upon the

streets, but to make provision for employing additional help whenever the same may be required. Much of the work may be contracted for much cheaper than the same labor can be performed by the City.

Respectfully submitted.

GEORGE W. FIFIELD, *Supt. of Streets.*

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## RESERVOIRS AND DRAINS.

| | |
|---|---|
| The appropriation for Reservoirs and Drains, for the financial year ending November 30, was | $ 6,000.00 |
| Additional, | 1,750.00 |
| Total, | $ 7,750.00 |
| Expended, | 7,732.96 |
| Balance unexpended, | $ 17.04 |

The following is a list of the drains constructed, with their length, capacity, and cost: —

### CAMBRIDGE STREET DRAIN.

1816 feet long; size 20 × 24 inches; 7 feet 5 inches deep at terminus. Cost, $ 1,805.77

### CAMBRIDGE AND TREMONT STREET DRAIN.

1174 feet long; size 18 × 20 inches; 7 feet deep at terminus. Cost, 1,144.00

### BRIDGE STREET DRAIN.

928 feet long; size 18 × 20 inches; 8 feet 6 inches deep at terminus. Cost, 943.04

### MAGAZINE AND PEARL STREET DRAIN.

1525 feet long; size 18 × 20 inches; 6 feet 10 inches deep at terminus in Pearl st. Cost, 1,240.74

GARDEN AND WATERHOUSE STREET DRAIN.

| | |
|---|---|
| 1669 feet long; size 24 × 30 inches, arched; 6 feet 8 inches deep at terminus. Cost, | 2,503.50 |
| Total cost of new drains, | $ 7,637.05 |
| Deduct for covering stone furnished from the City Ledge, | 908.08 |
| Total drawn from Treasury for new drains, | 6,728.97 |
| Expended on drains previously constructed, and on reservoirs, | 1,003.99 |
| Total amount expended, | $ 7,732.96 |

In addition to the foregoing, covering stone have been furnished from the City Ledge for the following Drains, the expense of which have otherwise been borne by private contribution.

| | |
|---|---|
| Drain in Franklin street, | 682 feet. |
| " " Elm street, | 391 " |
| " " Norfolk street, | 400 " |
| " " Windsor street, | 200 " |
| And for a drain in Webster Avenue built by the City, but not yet assessed, | 458 " |
| Also for a drain across private property in Ward Five, | 300 " |
| Total, | 2,431 feet. |

There have also been built 1,244 feet of Drain in Cambridge street, connecting with the Baldwin street Drain, wholly by private contribution.

Said Drain cost $ 1,127.40

Size 20 × 24 inches; 7 feet deep at terminus.

Also 796 feet in Cotton and Chatham streets, connecting with the Hancock street Drain, built by E. T. Hastings.

The number of cesspools connected with the public drains, for the discharge of surface water, is about 300, and the annual expense of care and repairs upon the same forms quite

an item. As a matter of economy, it would be better to use iron covers for cesspools; but if that should not be deemed advisable, it would seem as though facilities should be provided whereby the City could manufacture them from wood.

Shop room for the accommodation of the road department, and also for that of drains, is much needed, in order to an economical expenditure of those appropriations.

Respectfully submitted,

GEORGE W. FIFIELD, *Supt. of Drains.*

# REPORT

OF ROLAND LITCHFIELD, JR., SUPERINTENDENT OF LAMPS.

*To His Honor the Mayor and Aldermen of the City of Cambridge.*

GENTLEMEN: — The undersigned begs leave to submit the following Report in relation to the Street Lamps, and the lamps upon West Boston and Canal Bridges, for the purpose of giving the substance of the quarterly reports made by him during the past year, in a form better adapted for reference.

## STREET LAMPS.

The number of street lamps burning gas is as follows:

| | | |
|---|---|---|
| In Wards One and Five, | 124 | |
| " " Two and Four, | 114 | |
| " Ward Three, | 34 | |
| | | 272 |

The number of lamps burning fluid is,

| | | |
|---|---|---|
| In Ward One, | 4 | |
| " Wards Two and Four, | 27 | |
| " Ward Three, | 15 | |
| | | 46 |
| Whole number of Street Lamps, | | 318 |

Of these nineteen have been located during the last year.

The expense of the street lamps during the past year was as follows:

| | |
|---|---|
| For gas, | $ 3,602.44 |
| " fluid, | 533.36 |
| " lighting, | 1,375.43 |
| " gas fixtures, glass, and repairs, &c., | 477.64 |
| " salary of Superintendent, | 200.00 |
| | $ 6,188.87 |

Three men are employed to light the lamps, who are paid thirty-seven and a half cents per month each, for each lamp.

The average cost through the year of each lamp burning gas, was six and one third cents per night; — of each lamp burning fluid, four and seven sixteenth cents per night.

The posts, lamps, and fixtures are in good condition, except the want of being painted.

BRIDGE LAMPS.

| | |
|---|---|
| The number of lamps on West Boston Bridge is | 39 |
| " " " Canal Bridge is | 16 |
| Total on both Bridges, | 55 |

The expense of the lamps during the past year was as follows: —

| | |
|---|---|
| For fluid, | $ 505.70 |
| " lighting, | 220.00 |
| " repairs, &c., | 19.64 |
| Total, | $ 745.34 |

Two men are employed to light the lamps, being the same men who tend the draws, and they are paid two shillings each per month for each lamp.

Fluid is used, and the cost of each lamp has averaged four and a half cents per night.

The posts, lamps, and fixtures are in good condition.

All of which is respectfully submitted.

ROLAND LITCHFIELD, Jr.
*Superintendent of Lamps.*

*Cambridge, Dec.* 21, 1859.

# REPORT

## OF THE TRUSTEES OF THE DANA LIBRARY.

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The Trustees of the Dana Library submit to the City Council their second Annual Report.

During the year ending 30th November, 1859, two hundred and seventy-eight volumes have been added to the Library, of which two hundred and twenty-four were purchased by the City, and fifty-four were donations from individuals or firms; making the whole number of volumes in the Library seventeen hundred and twenty-two. There have also been added eight pamphlets.

In accordance with the vote of the Trustees, 1st December, 1858, the Library has been open for the delivery of books on each Wednesday and Saturday of the year, from four to eight o'clock, P. M.; and the Trustees believe that the facilities thus afforded for obtaining books have resulted in an increased interest in the Library, on the part of the people, and especially among the youth of the City.

Miss C. F. Orne, the Librarian, has performed her duties in that office faithfully and efficiently, and, as the Trustees believe, to the universal satisfaction of the public. By vote of the Trustees, 20th January, 1859, her salary was fixed at one hundred dollars per year.

The books were all punctually returned for the annual examination, and are in good condition. Generally speaking, the books have been used with care, and no volume has been lost from the Library since it was opened. The increase of subscribers is gradual and steady, and the interest in the Library constantly increases. The average number of books taken is one hundred and five per week. The largest number taken on any one day was eighty-five.

The following is a statement of the sums which have been expended for the Library during the past year, viz:

| | |
|---|---|
| Purchase of Books, | $ 241.92 |
| Repair of Book-cases, | 9.01 |
| Printing, | 27.78 |
| Binding, | 3.00 |
| Paper, | 3.10 |
| Freight, | 25 |
| Salary of Librarian, | 87.50 |
| Extra services of do., | 10.42 |
| Total expenses, | $ 382.98 |
| Appropriation, | 395.72 |
| Balance unexpended, | $ 12.74 |

In the annual report of last year there was an error in the statement of the amount expended, it being stated as $ 2.65 more than was actually expended; that amount should therefore be added to the appropriation for the coming year.

The Trustees have received from subscriptions and fines the sum of $ 88.95, which has been paid over to the Treasurer.

At the time of the transfer of the Library, the City entered into an obligation with Mr. Dana, to expend the sum of $ 300 annually, for fifteen years, for the Library: it will therefore be necessary for the City Council to add to their appropriation for the Library for the next financial year, the amount of the unexpended balance of the appropriation for this year, — the amount received for subscriptions and fines, and the amount of the error before mentioned. This will require the appropriation of $ 404,34 for the coming year.

All of which is respectfully submitted.

JOHN SARGENT,
ANSON HOOKER,
GEORGE LIVERMORE,
J. P. RICHARDSON,
M. T. BIGELOW,
W. W. WELLINGTON,
} Board of Trustees.

# REPORT

## OF THE TRUSTEES OF THE DOWSE INSTITUTE.

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The Board of Trustees of the Dowse Institute would respectfully submit to the City Council, this, their first Annual Report.

"Thomas Dowse, from whom the Institute derives its name, was the son of Eleazer and Mehitable Dowse, and was born in Charlestown, Mass., December 28th, 1772. On the burning of their dwelling on the memorable seventeenth of June, 1775, the family removed to Sherborn. Mr. Dowse came to Cambridgeport in 1801, and established himself in the business of a leather-dresser and wool-puller. By industry and economy, he acquired a handsome fortune. He gave his choice library to the Massachusetts Historical Society, some time before his death. By his will, after making special bequests, and giving to his relatives the sum of twenty-five thousand dollars, he placed the remainder of his property, in trust, in the hands of his executors, to be by them applied and distributed for literary, scientific, and charitable purposes. He died November 4th, 1856, in the eighty-fifth year of his age, and was buried in the beautiful lot which he had prepared for his sepulchre at Mount Auburn."

The annexed documents present in the briefest manner the history of the establishment of the Institute.

TO THE CITY COUNCIL OF THE CITY OF CAMBRIDGE.

The Undersigned, Executors of the Will of Thomas Dowse, offer to the City of Cambridge *Ten Thousand Dollars*, for the purposes and upon the conditions following, to wit: that the City accepts the said Fund, and agrees to pay to the Trustees of the Dowse Institute, established by a Declaration of Trust, — a copy whereof is annexed to this Letter, — Six Hundred dollars in each and every year forever, by equal semi-annual payments, on the first day of every June and December.

June 1, 1858.

GEORGE LIVERMORE.
EBEN. DALE.

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## DECLARATION OF TRUST.

The late Thomas Dowse, of Cambridge, by his Will, after making liberal and impartial bequests to his relatives, devised and bequeathed the residue of his property to his Executors, in trust, to be by them applied and distributed for literary, scientific, and charitable purposes. In the discharge of this trust, the Executors, being desirous of using for some object of permanent and general interest, in the neighborhood where Mr. Dowse so long resided, as large a proportion of the property committed to them as is consistent with their knowledge of his wishes, have appropriated the sum of Ten Thousand Dollars for the establishment and support of an annual course of Public Lectures in Cambridge, under the name of The Dowse Institute; said sum to be paid to the City of Cambridge, upon the undertaking and agreement of said City to pay to the Trustees of said Institute Six Hundred Dollars, in every year for ever, by equal semi-annual payments, on the first day of June and December.

And they hereby appoint Zelotes Hosmer, William W. Wellington, and Charles Deane, together with the Mayor and the President of the Common Council of Cambridge for the time being, the Trustees of the Dowse Institute, with full

power to demand and receive from and of said City the said sum of Six Hundred Dollars, in every year, at the times aforesaid, upon trust, to apply the same to the purposes above named, in the manner following, viz.:

I. The Trustees shall provide, in every year, one or more courses of Lectures, of the highest character, on literary or scientific subjects, to be delivered in Cambridge. They shall determine the number, the place of delivery, and particular topics of the Lectures; shall select the Lecturers, and fix their compensation; shall fix the price of admission, if, in their judgment, an admission-fee be expedient; and shall do all other acts and things proper and requisite in the execution of their trust as herein declared; making annually to the City Council of Cambridge a detailed report of their doings, including an exact account of their receipts and expenditures. And the said City Council shall constitute a board of Visitors for the Dowse Institute, to the end that the funds at the disposal of the Trustees be not diverted from the purposes of this trust. The Trustees shall receive no compensation for their services; and no one of them, during his continuance in office, shall be appointed a lecturer under this trust.

II. In case the number of Trustees, exclusive of the Mayor and the President of the Common Council, shall at any time be less than three, the Board of Trustees shall forthwith fill such vacancy by election. Provided that, if any of the Trustees so elected, or of the three appointed by the Executors, shall become the Mayor or President of the Common Council aforesaid, then it shall be at the discretion of said Board either to fill the vacancy so caused, or to suffer the same to remain unfilled; and any person elected to fill such vacancy shall hold office only so long as the former Trustee shall continue in said City office; and, on such former Trustee's vacating his City office, he shall resume his place as Trustee.

III. If the Trustees, in their discretion, shall require an admission-fee to the Lectures, the net proceeds thereof, after deducting the expenses of the Lectures, — or if the Trustees deem it expedient, the gross proceeds, — shall be by them annually distributed for charitable, scientific, or literary pur-

poses in the City of Cambridge, or for such other purposes of general interest therein as they deem advisable.

Cambridge, Mass., June 1, 1858.

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## CITY OF CAMBRIDGE.

In Board of Aldermen, June 2, 1858.

Whereas, The Executors of the late Thomas Dowse have established an Institution, to be called the "Dowse Institute," and have endowed said Institute with a Fund of Ten Thousand Dollars: —

And Whereas, The said Executors, by an Instrument duly executed for that purpose, dated on the first day of June current, propose to place the said sum of Ten Thousand Dollars in the hands of the City of Cambridge, to be for ever held by said City in trust, for the purpose and upon the conditions set forth in said Instrument: —

Be it therefore Resolved by the City Council of the City of Cambridge, That the City of Cambridge hereby accepts the aforesaid Fund of Ten Thousand Dollars upon the terms and conditions set forth in said Instrument; and the Treasurer of the City is hereby authorized to receive the same from said Executors, and to hold it subject to the future order of the City Council.

Ordered, That the City Clerk be directed to furnish the said Executors, and the Trustees of the Dowse Institute, each an attested copy of this Resolution and Order.

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In Board of Aldermen, June 2, 1858.

The foregoing Resolve and Order were severally adopted, and sent down for concurrence.

Justin A. Jacobs, *City Clerk.*

In Common Council, June 3, 1858.

Concurred. Attest:

James M. Chase, *Clerk.*

City of Cambridge, Clerk's Office, June 7, 1858.

A true copy. Attest:

Justin A. Jacobs, *City Clerk.*

## TREASURER'S CERTIFICATE.

In pursuance of the herein-recited votes, I have this day received of the Executors of the Will of Thomas Dowse Ten Thousand Dollars, in fulfilment and discharge of their offer within referred to, a copy whereof is hereunto annexed.

JOSEPH WHITNEY,
*Treasurer of the City of Cambridge.*

Cambridge, June 23, 1858.

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## PRELIMINARY MEETING.

A preliminary meeting of the Board of Trustees of the Dowse Institute was held on the evening of June 14, 1858, at the residence of Mr. George Livermore, Dana Hill, Cambridge.

*Present*, His Honor Mayor Sargent, and James C. Fisk, Esq., President of the Common Council, members *ex officiis;* and Messrs. Zelotes Hosmer, and William W. Wellington, permanent members. Messrs. George Livermore and Eben Dale, Executors of the will of the late Thomas Dowse, were also present.

The objects of the meeting were briefly explained by Mr. Livermore; after which the Board proceeded to organize temporarily by the choice of Zelotes Hosmer as Chairman, and of William W. Wellington as Secretary.

William W. Wellington and James C. Fisk were chosen a Committee to prepare a code of By-laws.

It was *Voted*, That the Hon. Edward Everett be invited to deliver the address at the opening of the Institute, at such time as may be hereafter agreed upon.

Adjourned to meet at the City Hall, on Tuesday evening, June 22, at eight o'clock.

*June* 22, 1858.

The adjourned meeting of the Board of Trustees was held this evening at the City Hall. All the members were present.

The annexed code of By-laws was reported by the Committee appointed at the preliminary meeting; and, after discussion, it was unanimously adopted.

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## BY-LAWS.

Article I. — The officers of the Board of Trustees shall consist of a President, a Secretary, and a Treasurer, to be chosen from the permanent members. Their duties shall be such as are usually performed by those officers.

Art. II. — Regular meetings of the Board shall be held quarterly on the first Monday of February, May, August, and November, at the City Hall. Special meetings may be called by the President, whenever, in his opinion, they are necessary, or at the request of either of the Trustees.

Art. III. — No bill shall be paid by the Treasurer until it has been approved by the Board; and it shall be the duty of the Treasurer to submit a report, with regard to the financial condition of the Institute, at each quarterly meeting.

Art. IV. — Three members shall constitute a quorum for the transaction of business.

Art. V. — Elections for the choice of officers and for filling vacancies in the Board shall be by ballot; and, in all elections, a majority of the ballots cast shall be necessary for a choice.

Art. VI. — The public exercises before the Institute shall be held in the City Hall, provided that the City Hall can be obtained for the purpose; but these exercises may be repeated in other parts of the city, if deemed expedient.

Art. VII. — No vacancy existing in the Board of Trustees shall be filled, except at a special meeting called for that purpose.

Art. VIII. — Any amendment to the By-laws must be proposed in writing at one meeting, and acted upon at a subsequent meeting; and a vote in its favor of four-fifths of the Board shall be necessary for its adoption.

After the adoption of the By-Laws, the following officers were chosen by ballot.

*President*, — Zelotes Hosmer.
*Secretary*, — William W. Wellington.
*Treasurer*, — Charles Deane.

The first regular course of lectures commenced on Tuesday, December 7, 1858; at which time, the opening lecture was delivered by Hon. Edward Everett. His subject was the "Life and Character of Thomas Dowse."

The course was continued on successive Tuesday evenings, as follows: —

Four lectures by Rev. F. H. Hedge, D.D., three lectures by Prof. W. B. Rogers, two lectures by Mr. R. H. Dana, one lecture by Mr. R. W. Emerson, one lecture by Rev. T. M. Clark, D. D.

These lectures were of a high order, and were well attended.

At the quarterly meeting in February, 1859, the sum of twenty-five dollars was appropriated in aid of the Library of the Cambridge High School.

The second course of lectures commenced on Tuesday, Nov. 29, 1859. The first lecture was given by Rev. Henry Ward Beecher. The course will consist of fifteen lectures.

The Trustees regret that many persons were unable to obtain tickets for this course. As many tickets were issued as the Hall will accommodate, and they were offered for sale in the same manner as in the previous year. The Trustees will do every thing in their power, hereafter, to secure an equitable distribution of the tickets; but it is hardly to be expected, that fifteen hundred people can be seated in a hall, which will hold but seven hundred and fifty.

It will be the aim of the Trustees to provide, each year, "one or more courses of lectures, of the highest character, on literary or scientific subjects." Believing that a course of from four to six lectures on one subject will be more profitable, than the same number of lectures on distinct subjects, they will endeavor to provide, at least, one such course, each winter. Believing, too, that good sense and sound learning are of more

value than mere rhetorical display, they will be guided by this belief in their selection of lecturers.

The Trustees take this opportunity of expressing the obligation, which, in common with other citizens of Cambridge, they feel to those gentlemen, to whose wise liberality they are indebted for an Institution, which is destined, through coming time, to be an important means of diffusing useful knowledge, and of keeping alive, among all classes in our city, an interest in literature and science.

Accompanying this report is a copy of the Annual Report of the Treasurer, which contains an exact account of the receipts and expenditures of the Board of Trustees during the past year, together with a copy of the Report of the Auditor.

All which is respectfully submitted.

ZELOTES HOSMER,
JOHN SARGENT,
W. W. WELLINGTON,
CHARLES DEANE,
JAMES C. FISK,

Trustees of Dowse Institute.

Dr. DOWSE INSTITUTE, in account with CHARLES DEANE, Treasurer. Cr.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1858. | | | | | 1858. | | |
| Dec. | 1 | To paid carriage for Mr. Everett to Cambridge, | | $4.00 | Dec. | By proceeds of sale of 487 tickets at 50 cents, | $243.50 |
| | | " " Wilson's bill for printing tickets, | | 7.25 | 1859. | | |
| | 23 | " " Mr. Everett, introductory lecture, | | 100.00 | Feb. 18 | " six months interest on the Dowse Fund from the City of Cambridge, due Dec. 1, 1859, | 300.00 |
| 1859. | | | | | | | |
| Jan. | 6 | " " Dr. Hedge, for four lectures, | $100.00 | | | | |
| | | " " his expenses, | 5.00 | | | | |
| | | | | 105.00 | | | |
| | 8 | " " for blackboard for hall, | | 10.50 | | | |
| | 20 | " " " Treasurer's account book, | | 3.75 | | | |
| | 28 | " " Prof. Rogers, for three lectures, | 75.00 | | | | |
| | | " " his expenses, | 3.00 | | | | |
| | | | | 78.00 | | | |
| Feb. | 10 | " " R. H Dana, for two lectures, | 50.00 | | | | |
| | | " " his expenses, | 1.00 | | | | |
| | | | | 51.00 | | | |
| | 19 | " " G. W. Chipman & Co's. bill for bocking, | | 19.60 | | | |
| | 25 | " " R. W. Emerson, for one lecture, | 25.00 | | | | |
| | | " " his expenses, | 3.00 | | | | |
| " | " | | | 28.00 | | | |
| | | " " T. M. Clark, for one lecture, | 25.00 | | | | |
| | | " " his expenses, | 3.00 | | | | |
| | | | | 28.00 | | | |
| " | " | " " High School, Cambridge, per vote | | 25.00 | | | |
| March | 3 | " " Litchfield's bill, care of hall, &c, | | 18.00 | | | |
| " | " | " " Baldwin's bill for advertising, &c., | | 8.88 | | | |
| " | " | " " Wellington's bill, P'ge stamps, &c. | | 1.00 | | | |
| " | " | " " for bill file for Treasurer, and Postage stamps, | | .54 | | | |
| April | | " " Groom's bill for check list, | | 4 00 | | | |
| | | Balance to new account, | | 50.98 | | | |
| | | | | $543.50 | | | $543.50 |
| | | | | | 1859. | | |
| | | | | | May 2 | Balance from old account, | $50.98 |
| | | | | | June | Six months' interest, City of Cambridge, | 300.00 |

## AUDITOR'S REPORT.

The Auditor elected at the quarterly meeting, held May 2d, would respectfully report,— That he has examined the Treasurer's accounts, and that they are found correct, with vouchers for the payments made.

Respectfully submitted.

JAMES C. FISK,
*Auditor.*

*Cambridge Aug.* 1, 1859.

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A true copy of Treasurer's and Auditor's Reports.
Attest,

W. W. WELLINGTON,
*Sec. Dowse Institute.*

*Cambridge, Dec.* 20, 1859.

# REPORT

OF THE

# SCHOOL COMMITTEE,

FOR THE

MUNICIPAL YEAR ENDING JANUARY, 1860.

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In making our Annual Report we have happily no important events or changes to record. Another year's experience has given us little reason to doubt the general good working of our school system. Not that we wish to settle on the lees, and to take no pains to better both the system and the working of it by slow, wary, and tolerant advances, but that we believe that the first step towards improving any thing is to recognize heartily and handsomely the good fruit it has already borne. We are glad to bring our free testimony afresh to the diligence and ability of our instructors, as a class. The exceptions that have come under our notice are, we suppose, not more numerous or serious than must be expected where very various duties and trusts are assigned to a large number of persons, many of whom are novices in the work, and others of whom may find it hard wholly to resist the wear and tear of petty cares and the subtle drowsiness of endless routine. But good will and patience, the guardian powers of this calling, characterize in the main, we believe, our fellow-workers in the good cause of education in our city. We would invoke these qualities, while we offer a few suggestions on certain points in school instruction. If these have been already anticipated by the

judgment or in the practice of some of our friends, we are doubly sure of their concurrence and co-operation.

We are inclined to think, and this we say with hope and not with complaining, that here and there in our schools there is room for a less narrow range, not of study but of instruction. The studies are numerous enough (perhaps too numerous), and far enough advanced. But the mode of teaching is not always as *rousing* as it might become. We know the great difficulties to be fought against. The schools must receive a large number of ignorant children, whose parents have not had the ability or perhaps the will to impart to them that home training which is the corner stone of all other training. They come to the schools dull, backward, and with no industrious habits. To these children the street is often more attractive than the home or the school; and what is got at school is soon crowded out of the thoughts. It seems as if no friction or blistering could raise any active glow in such minds. The case is hard, we admit; but the more sluggish the circulation, the greater the need of the stimulus: while there is life, there is hope. A stout and strenuous spirit will brace itself all the more cheerfully up, when real difficulties challenge its utmost power. Every child knows something. Small as that may be, it is possible to work on it and with it. If pushing will not do, draw, coax, entice. Once start an interest, and a foothold is got. The peculiar traits of childhood may be taken advantage of and pressed into the service. The main lever to move the young is curiosity. The teacher who brings every day to his school-room something of his own, who stores up whatever of amusing and portable information falls in his way and works it into his daily business, has the best chance for success in the hardest cases, and indeed in all cases.

Among the powers chiefly to be cultivated and developed in children are those of Memory, Observation, and Quickness. The classes that make society stagnant, unthrifty, and backward, are the forgetful, the heedless, and the slow. To save the community from a crop of these useless or noxious weeds is a primary object in education, even the earliest school education. The vocation of a teacher tends to run easily into routine

and acquiescence. He needs to be on his guard against himself, lest he should get into a groove. It was said in praise of the famous John Selden, that "his learning did not live in a lane." So the humblest teacher ought to be able to say, that he neither narrows his work, nor lets his work narrow him. If he would fill a child's mind, his own mind must be pretty well filled too. He must be ever on the alert to outstrip himself. One success should be the stepping-stone to another. And this in a steady, even way; without nervous anxiety and without consuming toil. Some of his best work should be his play; for this will keep him fresh and bright, and so keep the door open to the hearts of his pupils. An active and advancing mind is his greatest treasure; and this is more often the reward of cheerful, moderate, and wholesome zeal than of feverish scruples.

We would suggest, that in some respects there may be room for a more vigorous, judicious, and varied cultivation of the three powers above named. And first, as to Memory. In some of the Alphabet Schools one of the chief demands on the memory (beyond the singing lessons, which are invaluable in this very way) is made by the Table of Abbreviations. Little children, who can scarcely read words of one syllable, are crammed with what to them is senseless jargon, apparently because certain words are represented by their initial letters. They might as well learn the Greek or Hebrew letters because they go to an Alphabet School. Till they are old enough to deal much more intelligently with such things, it will be sufficient for their teachers to explain these signs, as they occur in the reading-books or elsewhere. There is plenty of good wheat even for the youngest; there is no need of trying them with chaff.

In the Primary Schools one hears too often a shambling, mumbling, and half-idiotic repetition of the definitions of the Marks of Punctuation. Even if these definitions were level to the minds of the reciters, they would be of very little use, as they are learned. They are mere lumber. The use of the stops, explained as they occur, by the teacher, in the way and degree in which his pupils are able to understand them, will

best teach the meaning. No mistake is greater than that of supposing that most things are first understood by their definitions. Many definitions are utterly dark, till after the thing defined is otherwise familiarly known. They follow knowledge quite as often as they lead to it. This definition mania, in the particular case, probably grows out of a wrong estimate of the office and value of Punctuation. It is for the eye chiefly, and only very partially for the voice. It throws light on the meaning of a sentence; it gives very little help to the oral rendering of that meaning. The marks are leading-strings for beginners, who will never walk freely and firmly, if they become slaves to them. The guide to good reading is Nature, who happens to be truer and older than commas and colons. No child that cannot go beyond and above his stops, can be even a correct reader. To rely on them is to take a guide-post for a coach. The best definition is the example of the teacher. If he knows how to use rightly and neglect rightly these characters, his pupils will catch the habit from him. They want a natural pattern, not an artificial rule. Expression is the crown of good reading; the muttering of blind formulas will never win it.

The Defining of Words is one of the exercises required in the Middle and Grammar Schools. As a mere exercise of memory it is of little value. It may be worth while to task the memory with a definition that really clears up something. But nothing can be less fruitful than the laborious darkening of a word well understood, or half understood, by an equivalent wholly unmeaning to the child who learns it without intelligence and repeats it without expression. The definition, to be of any service, must be clearer than the thing defined. And when familiar objects are only made strange by being dressed up in strange language, the memory is loaded down with trash instead of bearing a reasonable and strengthening burden. There is no magic in a definition, as such. Could children be taught more often to coin their own definitions of the things they really understand, there would be thought and life in the process. Teachers ought to use great discretion in selecting the words to be defined, and never to lose an opportunity (and

the daily reading-lessons furnish many of them) of drawing an original definition, with or without help, from the mind of the scholar. If one scholar cannot do the whole work, let several contribute their quotas; and then the instructor may sum up the whole.

These remarks may be extended to the teaching of Grammar. Here, unquestionably, much memoriter work must be done; but it needs to be done by selection. In the best grammar (which, other things being equal, will be the shortest), much of definition may be deferred till the cases and tenses are thoroughly learned; and much even may be reserved till some progress has been made in parsing. Grammar teaches parsing; still more does parsing teach grammar. The reason of a thing is seldom fully seen, till you have begun to use the thing. Real analysis of passages in prose or poetry implies real thought, and is a direct and principal means towards learning "the art of reading and writing correctly." But there is a mock analysis, which is only pedantical litter. Uncouth names are invented for trivial and profitless distinctions; and common-sense is supplanted by the splitting of hairs. What is now needed in our grammars is simplicity, not ingenuity. On the good sense of the teacher will it greatly depend to weed out the tares which too easily overgrow this branch of study.

Instead of the Abbreviation Marks, it seems to us that the children in our Alphabet Schools might learn every week by heart a piece of poetry, or at least two or three verses. There are portions of the Bible, too, which might easily be fixed in the minds even of these little people. These can be learned in the same way as the little songs they commit to memory. Indeed, these bits of poetry might be sung to some of the tunes they have already mastered. If each of our schools were furnished with a small collection of children's books, to be used for these and similar purposes, the teachers would undoubtedly find occasions to turn them to excellent account. But without this help, many teachers have books of their own which would be suited to such uses.

In all the other schools, it should be an object of thought and

care to introduce, as opportunity offers, specific and frequent memoriter exercises beyond the regular school-book lessons, or as a substitute for a part of them. They should be and can be such as the young will be interested in. The poetical extracts in the reading-books may furnish something, and the children may be encouraged to select for their teachers' approval pieces from their own stock at home. This will bring into play the last Christmas or New Year's gift, and teach the little owners to use it not as a toy to be thrown by after the novelty is over, but as a permanent treasury. As the scholar rises in the schools, these exercises may be made more frequent and more difficult; till in the High School they reach their fullest development. Every pupil who enters that school should have been already trained to this kind of work. While he is there, he will be able to commit to memory and repeat with expression some of the choicest and purest passages in ancient and modern poetry. He will go out into life furnished with an abundant source of pleasant and refreshing thought, and an abiding defence against the weariness of watching hours and the depression of sickness or thickening cares. Such a training will, indeed, like all other teaching, be more or less stimulating or more or less mechanical according to the intelligence and zeal of the teacher. It may be reduced to a hum-drum sing-song, or be used with the aid of apt hints and skilful questions as a means to convey and to educe a great deal of wholesome knowledge and more wholesome activity.

The second topic mentioned above was the habit of Observation. This stands to Education both as cause and effect. Without a little of it nothing can be learned; without much of it little will come of what has been learned. Many children, especially in our larger towns, are singularly listless and inert in this respect. They do not see with their eyes and hear with their ears. To quicken and establish the habit of observation ought to be an immediate and definite aim with every teacher. Even in the Alphabet Schools much may be done; for the youngest are not always the least observing. What is there to hinder the teacher from giving now and then

to his little friends a simple talk about some familiar object; say, a leaf, a fruit, a toy, a house, or the like; — stopping every few minutes to catechize the young listeners on what has just been said, and leading them by well put questions to make their own contributions? The next day, while yesterday's lesson is still warm, the subject may be resumed, and the children questioned again. Suppose that a picture of an animal were shown. One scholar might give its name; another, tell its color; a third, mention some other trait within the range of a child's perceptions. Thus, little by little, a pretty good description might be built up out of the materials furnished by the scholars; and they would have what to young folks is always a great pleasure, the satisfaction of having told what they know, as from themselves. Some one might now be called on to tell the whole story. It would be a premium on attention and intelligence to be called on to do this; and it would be done with eagerness. Next, the teacher might go beyond the experience of his pupils, and point out the instinct and habits of the animal; its food, its enemies, its use to man, and so on; bringing in at the right place an appropriate anecdote, or getting them to learn a bit of verse bearing on the same thing. All this implies no surrender of the regular book-teaching. It could be added to it, and it would add to it. It would increase the faculty of learning anything that needs to be learned.

As you go up in the schools, these lessons may be enlarged, till in the Grammar Schools the children may be directed to bring up a *written* report of the whole exercise. When History is taught, the teacher can read from other than the text-books, and require similar written reports. Geometrical Figures may be easily explained to such children, and they may be accustomed to copy them on the blackboard, and to apply them to familiar objects within or without the school-room. The names and order of the bodies of the Solar System, and a multitude of other interesting scientific facts, may be made use of by a judicious and ready teacher. By exercises of this character, much may be done to open and sharpen the mind's eye. They will seize not only on the unobserving, but on those who have

the faculty of observing without any regular habits; those who jump great distances, but walk very badly. It may be added, that oral teaching, with abundance of illustration and active interchange of question and answer, is one of the best methods of imparting the *moral* instruction required by our rules.

And now, a hurried word as to the third point,— Quickness. The methods above suggested, if rational and feasible, as we believe they are, would not only sharpen, but (so to speak) whip up the minds of the pupils; so that they should work, not only more knowingly, but more rapidly. But special lessons might be contrived to this end of spurring the faculties. After a parsing lesson, for instance, let one or more impromptu sentences be dictated by the teacher, be written down at once on the board, and then, without further preparation, be parsed by some of the class. Or a number of words may be given out to be written on the board, and the class required to work them into a connected sentence by supplying other words. Or a rapid string of questions may be put to a class in Geography, to be answered instanter with the map open and in full view; an exercise, by the way, perhaps too much neglected in some quarters. Children need to be practised in *finding* places quickly. Other expedients of this sort may be invented, to keep the mind of the pupil on the spring. The various experience of different teachers, and the diverse circumstances of different schools, will suggest suitable contrivances to meet the occasions for them.

If these views are sound, we look to a further advantage in their adoption. The most trying and depressing feature of a teacher's life is the necessity of constantly repeating his round of toil. He is perpetually in fear that he will not escape the rust and moss that collect in the path of routine. The slow wear of monotony tends to blunt the edge of the keenest faculties; whereas, whatever gives the mind now and then a good airing will bring it into fresher sympathy with the minds it has to act upon. Live and lively teaching is the best teaching. The art to inspire is the chief talent in the case. And very little trouble of mind or strain of toil is

needed. The tone and play of mind are the main thing. A nature kept always clear and fresh will do wonders with the humblest machinery. Everything that comes to hand is transfigured by the energy of intelligence into an instrument of knowledge. A common wood-cut, a simple landscape, a fireside story, a dying leaf, a starting bud, the feather of a bird, the fall of a snow-flake, all wayside facts, all changes in the world of nature, are riches in the inventory of a quick-minded and clear-eyed instructor. We believe that a habit of cultivating these little but constantly recurring means of life, will make the vocation itself not only more productive, but vastly less burdensome and more invigorating.

In these general remarks, we may have been only borrowing from the experience and practice of some of our long-tried and faithful teachers. If so, we do not desire to be out of their debt. Let them go on enlarging the obligations of the community for their devoted service.

## SCHOOL BOOKS.

Not many changes have been made in class-books in the year just closed. A part of Hillard's Series of Readers has been substituted for the course previously in use, to the satisfaction, as we believe, of all parties concerned. The venerable American First Class Book has not, however, had its grey hairs treated with indignity. Its well-earned reputation has not yet been run down by any of its youthful rivals.

The School Committee, wishing to establish a consistent orthography in their Readers and Spelling-Books, and having deliberate confidence in Worcester's system and in his proverbial accuracy, have introduced his Pronouncing Spelling Book into all the schools below the High School, except the Alphabet Schools. In some particulars, the plan of this book is new, the spelling exercises being accompanied with sentences containing the words to be spelled, which words, after having been orally spelled, are to be written down as the sentences are read. Whether this method is preferable to that now in common use, of giving out the words singly to be

written down, is yet to be proved; but there can be no doubt that each of the sentences must be in itself intelligible to the scholar, or it will suggest little as to the correct spelling of the word which is its nucleus. To contrive and arrange such sentences is more difficult than to furnish and mark the words to be spelled. In this the book is not, in our opinion, always successful. Besides, there is too large a proportion of those uncouth scientific terms, which are evils necessary to a dictionary, but not necessary to a spelling-book. Of what possible profit can it be to children to be solemnly informed, that "the passage to the stomach is through the *œsophagus*," or that "*mucous* membranes are membranes that secrete mucus?" Though there may come a dire occasion for appreciating, if not comprehending, "the foreclosure of a mortgage," it can hardly be very instructive to a child of tender years to listen to the fact, that "it would be an *anachronism* to represent Aristotle and Socrates as contemporaries." The whole sentence is an anachronism in a common school-book. We object to the introduction into early school-books of the technical gibberish which has so much defaced the simplicity of our mother tongue. Science must name its discoveries and inventions; and nothing is more amazing than the colonies of half-breeds which it has foisted upon the English language. Let us admit these terms, when they have become necessary and current, but let us use no force to drag them in. Otherwise we may be only increasing the outfit of the Malaprops and the Partingtons. The value of this new spelling-book is in its trustworthiness as a spelling-book, for which its author's name is an ample voucher. But instructors will need the candid suggestion of the preface: — "The judicious teacher will vary the mode of using the exercises as he may find most useful."

On the subject of school-books we have one more remark to make. Last Spring an Act was passed by the Legislature "Relating to School Books and Changes in the same." The second section of this Act prohibits any change in the school books used in the public schools unless voted by a greater number (therein specified) than a mere majority of the com-

mittee. And the third section provides that when any change is made, every pupil requiring the substituted book shall be furnished with it at the expense of the City. This Act is founded on the assumption either that changes are in themselves bad, or that they have become bad by reason of their frequency. So far as we are concerned, we do not admit this excess, and do not see why other people's delinquencies should be charged on us. And as to change itself; — Is the presumption so clearly against it? As schools advance, and in order that they may advance, better school books must be made; that is, changes must take place. The evil is not in the change, but the frequency of the change. For teachers, an occasional change of books is very desirable. Every new book is a new stimulus, and a barrier against passiveness and stagnation. But some school committees have abused their right to change the books. Undoubtedly; and therefore, by the logic, not without precedent in this Commonwealth, you must legislate against the use in order to reach the abuse. The practical working of this Act is edifying. By it all school books which happened to be in use on the 10th of March, 1859, though introduced under the improper facilities against which the Act seems to be directed, are protected from competition, and that by the meanest and most degrading of all sanctions, an appeal to municipal parsimony. This Act might well be entitled, "An Act for the perpetual benefit of certain Publishers." Furthermore, this Act is clumsily drawn. It makes no distinction between changes affecting the same persons, and changes affecting different persons. There can be no great hardship in compelling a scholar to buy one *new* book rather than another, if at all events he must get a new book, as in changing his class he must often do. But the law makes no difference.

There is a deeper objection to this measure. It overlooks or rather attacks the theory of our polity, which is, to govern locally as far as possible in local affairs, and bring in the legislature only in general matters. The legislature, of course, regulates the school system as an institution; but it leaves it to the towns to carry it on; — at least it ought to do so. Up

to a certain point, direction is support; beyond that, it becomes oppression. In so pure a matter of detail as the adoption of particular books in the schools of a certain locality, the policy of intermeddling is at best questionable; and some committees, ourselves by all means among them, deem a majority of our number quite as well qualified to say what books we will have, as a majority of both houses of the legislature to tell us that we are not qualified to say so. Besides, the duties of school committees are undertaken, for the most part, by men who are willing to give toil and time to the support of the most valuable of our local institutions. They have the confidence of their fellow-citizens. They are appointed by their neighbors. But another power takes advantage of its legal supremacy, and declares that it will not trust a majority of such a body in a matter much smaller than those which are every day determined by a majority of votes in a Board of Aldermen or a City Council. It is poor economy to pay off with distrust men who have little reward except that of being trusted.

## APPOINTMENTS AND REMOVALS.

It is often a delicate and difficult task to choose our teachers from among candidates of nearly equal qualifications. We have consulted what appeared to us to be, on the whole, the interest of the schools. But it is sometimes our painful duty to close the term of service of one of our teachers. For the sake of the schools and the children who go to them, common sense would suggest that no greater mistake can be made than to turn such acts (unwillingly done in the discharge of official duty) into fuel for local contentions. At all events past disappointments cannot with justice or decency be visited on the heads of the innocent successors of those who have, in the opinion of the lawfully appointed authorities, forfeited their places as teachers.

## OTIS SCHOOL-HOUSE.

Near the close of the last year, the Otis School building in Ward Three was destroyed by fire. Measures were immediately taken to rebuild upon the same site, and the new house was ready for occupancy on the first of September. It is a plain, but substantial and convenient structure of brick, two stories in height, and well adapted to the purposes for which it was intended. It does nothing, however, towards supplying the want of additional school accommodations in that ward, which has been so often urged by our predecessors, and which presses with more urgency now than ever before. It was not understood or intended that it should. To do that, it would have been necessary to erect a building much larger than sound policy or the best interests of the schools would warrant. It was thought better to build two of more moderate dimensions than one of such inordinate size as would have been required to supply the wants of the ward. There is no doubt of the wisdom of this decision, but *the second should be built.* It is unnecessary to repeat the arguments that have been so forcibly urged in regard to this matter in former reports. Suffice it to say, every year adds to their force. The "old Thorndike" is becoming more and more dilapidated, and the evil effects upon young children of proximity to a police-station, more and more apparent. The schools, too, are more crowded than they ever were before. The Middle and Primary have as many pupils as they have seats, and sometimes more, while the Alphabet Schools are running over. Three of them have had from 100 to 110, while the one over the watch-house in a room not large enough for the comfortable accommodation of more than 60, has had between 85 and 90. It is impossible for one teacher to take care of so many, and it is unreasonable to expect it of her. A new school of this grade is required, and would have been established before this time, if a proper room for it could have been obtained. The ward-room is the only available place, and the unfitness of that for the purpose, when its liability to be used at any time for public meetings and its

unsuitable location are taken into consideration, is too obvious to require argument. A new school-house, and one capable of seating 500 pupils, if any allowance for future probable increase were made, seems to be imperatively demanded.

## HIGH SCHOOL.

While writing these pages, the sad intelligence was received of the death of Mrs. F. L. E. Clarke. Though not connected with the school at the time of her decease, Mrs. Clarke had for years been one of its most prominent and devoted teachers. By her thorough education, her quickness of apprehension, her enthusiasm in her profession, her tact in imparting instruction, her conscientious discharge of every duty, her pleasant manners, and her happy disposition, she was eminently successful in interesting her pupils in their studies, and in winning their respect and love. Her resignation, which took place a few months since, was received with deep regret for the loss of so good a teacher, but with the hope that her health, originally impaired by a too close attention to school duties, might once more be restored, and that years of usefulness and happiness might be in store for her in the new relation she was about to assume. This hope has proved delusive; and it only remains for the Committee to express their high appreciation of her character and services, and their deep sympathy with her family and friends in their sudden bereavement.

Miss Harriet W. Willard entered upon her duties as assistant in May, and has proved a valuable acquisition. She excels as a teacher of French : having resided many years in France, she has a thorough knowledge of the language, and gives excellent instruction in this branch. The Committee were fortunate in securing her services.

Mr. Williston is a fine classical scholar, and a gentleman of culture, taste, and refinement. He governs the school well; his instruction is thorough, accurate, and suggestive ; and one proof of its good results is the fact, that the pupils, examined for admission to college in July, entered without conditions.

Mr. Bradbury is a superior teacher, and is interested in his

work. His classes are well taught, and he is unwearied in his efforts to promote their best interests. The Committee did him but a simple act of justice, at the annual election of teachers, in increasing his salary.

Miss Peirce and Miss Bates are able and progressive teachers, aiming constantly at a higher standard of scholarship, and thus becoming each year better qualified to discharge the duties devolving upon them. Miss Child is well educated and devoted to her work, and by her quiet decision and kindly manners exerts a genial influence upon the minds and hearts of her pupils.

The year has not been marked by any incidents requiring special mention. There have been but few cases of discipline requiring the interposition of the Committee. The members of the school, as a whole, have seemed to feel the importance of the work in which they are engaged, and have been diligent and faithful in the discharge of their school duties.

The Committee would here take occasion to remark that they fully realize the necessity of physical exercise; they appreciate the dangers of attempting to develop the mind at the expense of the body; and it is their intention, if possible, that no member of the school shall suffer from overwork. To this end it has been their endeavor so to arrange the course of study, as to allow ample time for any pupil of average abilities to comply with its demands; and in case of ill health, or any other sufficient cause, they have always been ready to make an abatement in the prescribed amount. But, while freely admitting the possibility of bad results from undue mental application, they must insist that, under proper restrictions, hard study is of the first importance and of the highest utility to the young. So far from being injurious, it is positively beneficial. The brain needs exercise as well as the muscles. It gains strength by use; and its full development is favorable, if not essential, to health. Reliable statistics prove that vigorous intellectual activity is conducive to longevity. In the efforts now made to promote physical culture, there is danger of keeping out of sight the fact, that the brain is a part of the body, and, like any other organ, must be exercised or it will

become enfeebled if not diseased. Should some of the theories, gravely propounded at educational conferences, and advocated through the public press, be carried into practical operation, it is to be feared that hard study would, in time, become one of the lost arts. It is fashionable at the present day to decry study, to compare our schools to hot-beds, to denounce rigid discipline, and to find fault generally with all existing school regulations which enforce obedience and encourage mental activity. One would infer, from much that is said and written, that the great object of a teacher should be to restrain his pupils in their intellectual efforts, lest the brain should be over-stimulated and the health ruined. We submit that this sort of talk is too common, and is doing harm; and while, on the one hand, we would favor all rational efforts to promote physical education, we would suggest, on the other, that the world is deeply indebted to its scholars and thinkers, and that the race should not be allowed to become extinct.

It becomes necessary once more to notice the standing grievance of the High School. The need of some new provision for the increasing number of scholars and classes has long been felt. It has now become so pressing as to render it absolutely impossible to receive any more scholars in the two lower classes, and but two or three more in the others. When the whole school is assembled, after making use of all the available space, without entirely blocking up the aisles, about twenty are obliged to be seated in the adjoining rooms. The two small recitation rooms connected with the main hall admit the classes only by filling the narrow open space with chairs. In the library, which was not intended, and is ill adapted, for a recitation room, the pupils must be still more densely packed, while the stove adds to the discomfort. It would be very difficult for the best disposed to avoid confusion in these crowded rooms; while to the playful, the temptation to disorder is too great to be always resisted. Every department of the school suffers, in a greater or less degree, from this want of room.

The remedy for these evils is a new and larger school-house.

Plans have been suggested for enlarging and remodelling the present building; but these plans have all been liable to grave objections, and it is doubted whether any can be devised, which will prove satisfactory. The Committee would once more commend this subject to the attention of their fellow-citizens and of the City authorities, with the earnest hope that it may receive their early and careful consideration.

Owing to a change in the school regulations, there has been but one examination during the year. This took place on Saturday, April 30. Three hours were devoted to a private, and two to a public, examination.

The classes examined appeared well. Some of the recitations won from the examiners the strongest expressions of satisfaction; and in the few recitations which fell below the mark of absolute approval, there was scarcely a case in which the failure was a serious one. The deportment of the pupils was good, and their singing spirited and impressive.

The Annual Exhibition took place at the close of the summer term at the City Hall. These Exhibitions are of use in bringing the School more directly before the public, and thus keeping alive the popular interest, and in being the occasion of a pleasurable excitement. They should have as close relation as possible to the studies pursued by the pupils; and their object should not be to amuse, but simply to exhibit, so far as can be done in such a way, the intellectual discipline and attainments of the members of the school. Hence results the propriety of exercises in Latin and French, although neither language may be understood by a large portion of the audience. If these languages are worth studying at all, the proficiency of the pupils in them should surely be exhibited at such a time.

The library contains many valuable books, and is applied to good use by the scholars. It is hoped that it will not be forgotten by the friends of the school; there are no funds for its enlargement, and donations of suitable books will be gratefully received. The Committee would acknowledge their obligations to the Trustees of the Dowse Institute for the appropriation of twenty-five dollars from the funds of that institution, in aid of the Library.

The sum of fifty dollars has been set apart by a vote of the Committee, to be expended in prizes for excellence in the Classical Department. This is an experiment, and it is too early yet to say much with regard to its results. We quote in this connection a few passages from Mr. Williston's Annual Report: —

"The prizes have certainly stimulated some to greater application. It would be better, if enough could be given, and for so many things, as to enable almost any scholar with diligence to obtain one in some department. By the limitations of the Hopkins Fund, they have been confined to the Classical Department. They should be assigned also for excellence in various English studies, in Mathematics, in French, in Composition and Declamation, in conduct and punctuality. Cannot some further appropriation be made for these things? or will not some friend of the High School supply this want?

"I will not stop to discuss the question of their good or bad tendency farther than to say, that much depends on the way in which they are treated by the teacher. If they are constantly urged upon the mind of the scholar as the chief motive for exertion, the effect will hardly be favorable. But if the value of knowledge, and the obligation of the pupil to perform the tasks assigned him, be presented as the chief motives, the danger will be in a great measure obviated."

The annexed Table shows the number of applicants for admission at the examination in July, the number rejected, the schools from which they came, the per centage of correct answers of all who were examined, and their average age: —

| | No. who applied. | No. rejected. | Av. per. cent. | Average age. Yrs. | Mo's. |
|---|---|---|---|---|---|
| Shepard School, | 7 | 4 | 69.57 | 14 | 9 |
| Washington " | 20 | 0 | 83.52 | 14 | 10 |
| Harvard " | 8 | 0 | 83.12 | 14 | 11 |
| Webster " | 7 | 0 | 79.78 | 14 | 4 |
| Allston " | 22 | 4 | 79.45 | 15 | |
| Putnam " | 13 | 1 | 84.42 | 14 | 7 |
| Otis " | 6 | 1 | 83.58 | 15 | 2 |
| Other Schools | 5 | 2 | 46.50 | 16 | 2 |

Since the first of September, there have been fifteen applicants for admission, fourteen of whom were admitted. Average per cent., 65.875. Average age, 16 years.

There have been ten hundred and thirty-eight applicants for admission to the school during the past eleven years, and their average age has been fourteen years and seven months.

NORTH CAMBRIDGE.

*Shepard Grammar School.* Mr. C. M. Dinsmoor has been the teacher here for the past year. The school is improving every day; both the instruction and the discipline are admirable. Mr. Dinsmoor is a first-class teacher. His assistant is Miss B. T. Capen, and she has performed her duty in a praiseworthy manner.

*Shepard Middle School.* During the first six months of the year Miss Kelsey had the school, and in some respects she kept it well. She was orderly and energetic in her work. During the last six months Miss S. L. Lathe has had the school. The scholars like her and she gives good promise.

*Shepard Primary School.* Miss C. C. Morrison has had this School nine months of the year. She left, preferring another employment. She was conscientious in the discharge of all her duties, and the school under her did well. Her successor is Miss C. F. Barnes, promoted from the Shepard Alphabet. The school, under her genial and careful guidance, improves.

The *City Primary School* is kept at the Almshouse by Miss Olive J. Hanscom. She is a faithful teacher, and takes good care of the children under her charge.

*Shepard Alphabet School.* Miss C. F. Barnes had charge of this school the first three quarters of the year, and received the praise of all the examining Committees. Miss Ellen Sawyer was associated with her in the summer, and proves a kindly and ambitious teacher. The successor of Miss Barnes is Miss Anna E. Priest, taken from the Washington Primary. Mind and heart are both in her work, and the school is well-mannered and industrious.

*Washington Grammar School.* Of this school nothing more need be said than that it continues under the charge of Mr. Daniel Mansfield, as Principal, and of Misses Sarah A. Page, Lucy A. Downing, and Fanny L. D. Strong, as assistants, and that it fully maintains its former high standard of excellence in scholarship and discipline.

The *Washington Middle School* is still under the charge of Miss A. M. Ireson, assisted by Miss Elizabeth F. Banks. The teachers are faithful, and the school maintains its usual reputation; it is crowded, having one hundred and two scholars with only ninety-four seats.

The *Washington Primary School* is under the charge of Miss M. S. Gould, assisted by Miss Maria E. Jones. It is believed that this school has been gradually improving during the year. From the reports of the last two semi-annual examinations, it appears that the lower classes did better than the upper. It is hoped that, during the coming year, this school will reach a still higher rank.

Miss Eleanor Safford continues at the head of the *Dunster Primary School*, and spares no effort to promote its interests. This school is not a large one, and some of its pupils might attend a Middle School, if the Washington Middle were not so crowded, or if the Shepard Middle were not so far off. The situation of the Dunster School House is such, that this school, as well as the Dunster Alphabet, suffers at all seasons, and in the winter especially, from irregularity of attendance. During the past four months this irregularity has been increased from repeated and long-continued absence of pupils, on account of the prevalence, real or imaginary, of the Small Pox.

The *Dunster Alphabet School* is taught by Miss M. H. Clar-

ence, who has, by her faithful exertions, accomplished all that can reasonably be expected. The school is in a good condition.

*Washington Alphabet School.* The death of Miss Eliza Gould, in January, deprived this school of an earnest and faithful teacher, who had charge of it for many years. Miss Catharine E. Metcalf was appointed to succeed Miss Gould, and, under her care, the school appears to be in excellent condition. During the year the services of an assistant have been temporarily required, but the present number of scholars allows but one teacher.

## CAMBRIDGEPORT.

*Harvard Grammar School.* All attempts to keep this school reasonably small have proved failures. With only one hundred and forty-four seats in the main room, it has now upwards of one hundred and sixty scholars. It is popular with parents and children, and there is always trouble when it becomes necessary to change district lines and to send some of its members in other directions.

Owing to increasing numbers, an additional assistant became necessary in the spring, and, after much search and inquiry, Miss A. H. Wellington, who had been teaching with success in a neighboring town, received the appointment. An experience of ten months has proved that the selection was a judicious one, and that we have secured the services of a teacher who will contribute her full share to place this school in the first rank. Mr. Magoun discharges his duties as head of the school with the same success as heretofore. Miss Richardson and Miss Dodge are devoted to their work and continue to give satisfaction. The spring examination was a good one, the classes in Arithmetic, Spelling, Defining, and Geography, appearing well; those in Grammar, not so well.

As this school must continue to increase it will soon require more room. In fact, it has been crowded for years, with

the exception of a few months after the erection of the Allston School-house, during which time it was reduced to reasonable dimensions. Every inch of available space is occupied, including the attic, which furnishes two recitation rooms and seats for about twenty scholars. Among children thus closely packed some confusion and disorder are inevitable. The building occupied by the High School could, at the present moment, be turned to good account, in furnishing accommodations for the schools of the Second Ward.

*Webster Grammar School.* A. C. Smith, Master; Misses E. K. Brackett, M. E. Rice, and C. B. West, Assistants. This school is one of the largest in the City, the attendance having been sufficient, during a portion of the year, to warrant the appointment of another assistant. No appointment, however, was made, the additional labor having been cheerfully performed by the present teachers; and through their fidelity and care the school has attained an excellent position. At the Spring Examination the school appeared well in all departments; the writing-books and a series of historical maps drawn by the first class were particularly noted as deserving high praise.

*Allston Grammar School.* Mr. B. W. Roberts continues at the head of this school, and he is the same indomitable worker and successful teacher that he has been for many years. He is a strict disciplinarian, having, however, always at heart the best interests of his pupils; he labors for them indefatigably and cheerfully, and has made his school one of the best. His assistants are Misses Mary E. Sawyer, Esther M. Noyes, Matilda Morse, and E. B. Winnett, each of whom contributes her full share to the general result. It is sad to record the death, during the autumn, of Miss L. A. Stockbridge, who was an excellent teacher, in this school, and a young lady of rare abilities and worth.

The *Dana Middle School*, under the charge of Miss A. H. Hill, maintains its rank as one of the best schools of its grade

in the City. The teacher is competent, thorough, and zealous, and maintains excellent discipline. The building in which this school is kept has been painted, inside and outside, during the past summer, and the school-rooms are now very pleasant, and well adapted to the purposes for which they are used.

*Harvard Middle School.* Miss Emma F. Wyeth took charge of this school in the spring, its former teacher having resigned. It was then in a miserable condition in every respect. Under Miss Wyeth's care it speedily improved; order was restored, and the children began to learn. It has been gaining ground ever since, and bids fair to become one of our best schools. The summer examination was a great improvement on the one which preceded it; but some deficiencies were noted, especially in arithmetic. The school has increased so as to need an assistant, and Miss Mary E. Wyeth, a sister of the principal, has just commenced her duties in that capacity.

*Allston Middle School.* It was with regret that the Committee received in the spring the resignation of Miss Louise S. Rolfe, who had proved herself one of our best teachers. Under her care this school attained a high position; and it is gratifying to be able to state, that under the care of Miss Martha A. Skinner, assisted by Miss Emeline Sparrow, it has sustained its former reputation.

*Webster Middle School.* Miss L. C. Bancroft, Teacher. This school is large, but well governed and well taught. The teacher succeeds in winning the affection of her scholars, and inspiring them with a love of study.

*Willard Middle School.* Miss Jane Dallinger, Teacher. The same may be said of this school as of the one last named. Miss Dallinger is a faithful teacher, and her school always appears well.

The *Mason Middle School* is taught by Miss Perryntha T. Davis, assisted by Miss Clara C. Bowen. It was originally

kept in the Allston School-house, and was removed in the summer to the room it now occupies. The changes it has undergone during the year have interfered, somewhat, with its success, but it is, in the main, a very good school.

The *Dana Primary School*, under the charge of Miss Susan Sparrow, is not in as good condition as it ought to be. The teacher is faithful and pains-taking, but there are difficulties connected with the school over which she has but little control.

*Harvard Primary School.* Miss Frances A. Hyde, Teacher. This is a good school, well taught and well governed. The children are attached to their teacher, and she is interested in them ; accordingly, the affairs of the school move on pleasantly and harmoniously.

The *Allston Primary School* is still under the care of Miss Sarah J. Davis, assisted by Miss Ada Bowen, and it never appeared in better condition than at the present time.

The *Sargent Primary School* now contains an Alphabet department, having received, in the autumn, an addition of a number of Alphabet scholars; it is kept by Miss Sarah F. Kelley, assisted by her sister, Miss Mary G. Kelley. This is an excellent school, and would perhaps be equally good, were the discipline a little less strict. A thorough work is done here, and classes sent into the Middle Schools are well qualified for promotion.

*Amory Primary School.* Miss Mary E. Pear left this school in May ; it was then in a good condition in all respects. Miss Frances A. Kent was her successor. The summer examination was a satisfactory one, and the school is making fair progress. A few boys, addicted to truancy and other bad habits, exert a bad influence and occasion much trouble.

*Webster Primary School.* Miss Ariadne Blish is teacher,

and Miss A. J. Winnett, assistant. The summer examination was not entirely satisfactory; but the teachers are competent and interested in their work, and the school is doing well.

*Bridge Primary School.* Miss E. E. Dallinger, Teacher. This is a fine school; the scholars are fond of their teacher, and she takes good care of them. At the examination, the recitations were excellent, and the children appeared bright and happy.

*Boardman Alphabet School.* The pursuit of knowledge under difficulties has been well illustrated in this school during the past year. The condition of the house has been such as to make it necessary to dismiss the school whenever it rained, and during much of the cold weather. It was not unusual for the rain to pour through the roof, the wind to enter through the cracks in the floor and walls, and for large pieces of the plastering to fall.

The school has been taught during most of the year by Miss J. R. Bridges, and it has made as good progress as could be expected under the circumstances. The present teacher is Miss E. E. Russell.

*Mason Alphabet School.* Miss J. R. Bridges, Teacher. Miss Louisa D. Bullard was appointed teacher early in the year. She found the school in a bad condition; but she entered upon her duties with earnestness and zeal, and under her care the school rapidly and steadily improved. Miss Bullard is an excellent teacher, and her recent resignation was received with regret. Under the care of Miss Bridges, the school will, it is confidently expected, maintain its good position.

The *Webster Alphabet School* is still taught by Miss Mary Ann Tarbell, assisted by Mrs. M. E. Redman. So much has been said and written in praise of this school, that it only seems necessary to say that it fully maintains its good reputation, referring for further particulars to former reports.

*Sargent Alphabet School.* Mrs. Anna M. Harrod is the principal, and Miss Frances J. Harrod the assistant. They are working earnestly and successfully, and under their united labors the school is making excellent progress.

*Allston Alphabet School.* After swarming once or twice during the year, the numbers in the hive have at length been so reduced, that there is comfortable working room. There has been, during the last few months, a decided improvement in respect to order, and the school is now making progress in the right direction. Mrs. M. M. Jones and Miss Helen J. Heffron are the teachers, and they are doing a good work.

## EAST CAMBRIDGE.

The *Putnam Grammar School*, under the care of Mr. Francis Coggswell, principal, and Miss S. M. Burnham, and Miss H. E. Reed, assistants, has had a year of continued prosperity. Nothing has occurred to interrupt its regular and uniform progress. Mr. Coggswell has many qualities that well fit him for a teacher. He loves his profession, is gentlemanly and courteous in his manners, is patient, has good judgment, and is heartily engaged in his work. He teaches the manual prescribed by the School Committee fully, but is not confined to it. His recitations are diversified with illustrations drawn from a variety of sources, and thus their interest and usefulness are increased. In order to do this successfully, he studies and thinks for himself, — as every teacher must do who is not satisfied with travelling over the same track of routine, year after year. Both of his assistants are excellent teachers. The school is a superior one in every respect.

The *Otis Grammar School* has had many obstacles to contend with during the past year. The first nine months, it occupied a room so damp and ill-ventilated, that the health of one of the teachers was seriously affected, and many of the pupils were obliged to leave. Under these circumstances it would have been unreasonable to expect much progress.

Since the occupation of the light, airy, and convenient room in the new school-house the aspect of affairs has entirely changed. The school has filled up again, and its appearance has improved in every respect. The children are happy, and work diligently. The teachers seem more contented and happy, and feel that they have something to do, and a place to do it in. A harder worker, or a more faithful teacher, than Mr. Fletcher, it would be difficult to find. Since his connection with the school his duties have been onerous, and at times severe, but he has not suffered his exertions to flag for a moment. With the aid of his present accomplished assistant, Miss Mansfield, who succeeded Miss Lunt, he may safely propose to himself the highest standard of excellence.

The *Thorndike Middle School* has been steadily progressing during the year. It was never in so good condition as now. Miss Wyman evidently acts upon the principle, that to be satisfied with present attainments is to incur the danger of going backwards. The examinations both of February and July showed a commendable progress in all the studies of the school, while the proficiency of the classes in arithmetic — the branch in which the schools of this grade have been found more deficient than any other — attracted particular attention, and elicited the highest praise from the Examining Committee.

*Putnam Middle School.* The order of this school is always good, and the recitations uniformly excellent; but there is a want of life and elasticity, which are essential to every good school. An improvement, however, has been noticed in this respect during the latter part of the year. There is no doubt of Miss Bryant's qualifications, or that she devotes herself faithfully to her work. All that is wanting is a little more *enthusiasm.* A part of the year she has been assisted by Miss Josselyn, who was transferred to the Eastern Primary in September; since then, by Miss Quimby, both excellent teachers.

*Otis Middle School.* Until the first of September this school was in the vestry of the Universalist Church, a room not at all

adapted to such a use. The children occupied settees, with no desks for books or writing purposes. Miss Wheeler, who had so well managed this school for nearly a year, resigned in February, and Miss M. A. Merriam took her place. While in the vestry, the order of the school was not good, but perhaps it was all that could have been reasonably expected under the circumstances; the pupils, however, made commendable progress in their studies. Since its removal into the new building and the appointment of an assistant, great improvement has been noticed in every respect, and it now appears in a prosperous condition.

*Otis Primary School.* This school deserves the highest commendation. The promptness, clearness, and intelligence with which all the questions proposed were answered, at both the examinations, made a pleasure of what is sometimes felt by the Committee to be a disagreable duty. There was not a decided failure in the whole school, while the order was all that could be asked. Miss Mitchell has devoted herself to her work, and her industry has been abundantly rewarded.

The *Eastern Primary School*, while under the care of Miss Spaulding, was a model school of its grade. She resigned in the early part of September, and Miss Anna B. Josselyn was appointed to the vacancy. The school has suffered less than usual from a change of teachers, and Miss Josselyn has thus far shown a determination to maintain the high reputation which it has so long borne.

*Thorndike Primary School.* Early in the year it became necessary to establish another Primary School. This was done by taking pupils from each class of the other Primaries. The school was named the Thorndike Primary School, and Miss M. B. Stevens, assistant in the Putnam Primary, was appointed teacher. To make a school so formed equal to the best of its grade, requires time. Since its formation it has made fair improvement, but has not, as yet, reached the highest point of excellence; if patience and unremitting exertion will produce the desired result, Miss Stevens's ultimate success is certain.

*Putnam Primary School.* It is sufficient to say of this school that it continues under the charge of Miss Mary G. Robie, as Principal, assisted by Miss Anna C. Stewart, and that it fully maintains the high position it has so long occupied among the schools of this grade.

*North Alphabet School.* Miss H. N. McCurdy continued to govern and teach this school with the same admirable results as in years past, until the autumn, when she resigned, much to the regret of all connected with the school. Miss Sarah Hobbs was appointed to fill the vacancy, and she has already given the Committee evidence that the school has again fallen into good hands. It numbered during the past term over one hundred pupils.

*Cragie Alphabet School.* This school has had between eighty and ninety pupils most of the time, and that, too, in a room only large enough to properly accommodate fifty. It has prospered, however, under the care of Miss H. A. Butler, who deserves credit for having done so much for so many children in so small a room. It is in a prosperous condition.

*Thorndike Alphabet School.* This school still retains a good rank among the schools of its grade. During a part of the year it has numbered from one hundred to one hundred and ten. With this large number, Miss M. H. Butler has continued on in her quiet way, keeping up the character of the school in every respect.

*Putnam Alphabet School.* This School has had a year of success under the care of Miss Anna Johnston; the order has been good, and the progress satisfactory. She, too, like the other Alphabet teachers in the Ward, has had too large a school, numbering at times one hundred.

## MUSIC.

The concurrent testimony of teachers, and of all persons whose opinions are entitled to confidence, seems to prove that music is not only a very pleasant, but a very valuable branch of school education. Much of its success, however, depends upon the personal qualities of the teacher. Unless he can win both the respect and the love of his pupils, and make the study an agreeable and interesting one, the time spent upon music will be wasted. In Mr. Lincoln, we have a teacher eminently qualified to give instruction in this branch. He is a master of the science, and is devoted to his profession. In his presence the spirits of dulness and of discord take their flight, and, by a sort of magnetic influence, he inspires a whole school with life and enthusiasm. It is hardly necessary to add, that his labors in this department, during the past year, have been crowned with complete success.

JOHN SARGENT, *Chairman, ex officio.*

J. C. MERRILL,
H. W. TORREY,
C. A. SKINNER,
W. W. WELLINGTON,
MOSES CLARKE,
FRANKLIN HALL,
HENRY THAYER,
H. O. HOUGHTON,
J. M. MARSTERS,

} *School Committee.*

TABULAR VIEW OF THE PUBLIC SCHOOLS OF CAMBRIDGE, JANUARY 1, 1860.

| NAME OF SCHOOL. | TEACHERS. | SALARY. | NO. OF SCHOLARS, JAN. 2, 1860. |
|---|---|---|---|
| High School, | Mr. Lyman R. Williston, | $1,800.00 | 182 |
| | " Wm. F. Bradbury, | 1,300.00 | |
| | Miss Mary F. Peirce, | 550.00 | |
| | " Rutharia Bates, | 450.00 | |
| | " Harriet W. Willard, | 400.00 | |
| | " Caroline Child, | 300.00 | |
| Allston Grammar, | Mr. B. W. Roberts, | 1,200.00 | 193 |
| | Miss Mary E. Sawyer, | 375.00 | |
| | " Matilda Morse, | 375.00 | |
| | " Esther M. Noyes, | 375.00 | |
| | " E. B. Winnett, | 300.00 | |
| Harvard " | Mr. A. B. Magoun, | 1,200.00 | 166 |
| | Miss C. Richardson, | 375.00 | |
| | " H. A. Dodge, | 375.00 | |
| | " A. H. Wellington, | 375.00 | |
| Otis " | Mr. R. H. Fletcher, | 1,200.00 | 80 |
| | Miss M. A. Mansfield, | 375.00 | |
| Putnam " | Mr. Francis Coggswell, | 1,200.00 | 121 |
| | Miss S. M. Burnham, | 375.00 | |
| | " Harriet E. Reed, | 375.00 | |
| Shepard " | Mr. C. M. Dinsmoor, | 1,200.00 | 85 |
| | Miss B. T. Capen, | 375.00 | |
| Washington " | Mr. Daniel Mansfield, | 1,200.00 | 151 |
| | Miss Sarah H. Page, | 375.00 | |
| | " L. A. Downing, | 375.00 | |
| | " F. L. D. Strong, | 375.00 | |
| Webster " | Mr. A. C. Smith, | 1,200.00 | 195 |
| | Miss E. K. Brackett, | 375.00 | |
| | " M. E. Rice, | 375.00 | |
| | " C. B. West, | 375.00 | |
| Allston Middle, | " M. A. Skinner, | 375.00 | 92 |
| | " Emeline Sparrow, | 225.00 | |
| Dana " | " A. H. Hill, | 375.00 | 55 |
| Harvard " | " Emma F. Wyeth, | 375.00 | 77 |
| | " Mary E. Wyeth, | 225.00 | |
| Otis " | " A. M. Merriam, | 375.00 | 83 |
| | " A. L. Lunt, | 225.00 | |
| Putnam " | " H. C. Bryant, | 375.00 | 98 |
| | " H. L. Quimby, | 225.00 | |
| Mason " | " P. T. Davis, | 375.00 | 86 |
| | " Clara C. Bowen, | 250.00 | |
| Shepard " | " S. L. Lathe, | 325.00 | 70 |
| Thorndike " | " R. C. Wyman, | 375.00 | 71 |
| Washington " | " A. M. Ireson, | 375.00 | 102 |
| | " E. F. Banks, | 250.00 | |
| Webster " | " L. C. Bancroft, | 375.00 | 70 |
| Willard " | " Jane Dallinger, | 375.00 | 70 |
| Allston Primary, | " S. J. A. Davis, | 325.00 | 100 |
| | " Ada Bowen, | 200.00 | |
| Amory " | " Frances A. Kent, | 325.00 | 45 |
| Bridge " | " E. E Dallinger, | 325.00 | 60 |
| City " | " Olive J. Hanscom, | 125.00 | 20 |

| | | | |
|---|---|---|---|
| Dana Primary, | Miss Susan Sparrow, | 325.00 | 62 |
| Dunster " | " Eleanor Safford, | 325.00 | 52 |
| Eastern " | " Anna B. Josselyn, | 300.00 | 53 |
| Harvard " | " Frances A. Hyde, | 325.00 | 46 |
| Otis " | " Maria L. Mitchell, | 325.00 | 68 |
| Putnam " | " Mary G. Robie, | 325.00 | 110 |
| | " Anna C. Stewart, | 200.00 | |
| Sargent " | " Sarah F. Kelley, | 325.00 | 104 |
| | " Mary G. Kelley, | 200.00 | |
| Shepard " | " C. F. Barnes, | 325.00 | 57 |
| Thorndike " | " M. B. Stevens, | 325.00 | 54 |
| Washington " | " M. S. Gould, | 325.00 | 95 |
| | " Maria E. Jones, | 200.00 | |
| Webster " | " Ariadne Blish, | 325.00 | 117 |
| | " Anna J. Winnett, | 200.00 | |
| Allston Alphabet, | Mrs. Mary M. Jones, | 325.00 | 110 |
| | Miss Helen J. Heffron, | 200.00 | |
| Boardman " | " E. E. Russell, | 325.00 | 63 |
| Craigie " | " H. A. Butler, | 325.00 | 86 |
| Dunster " | " M. H. Clarence, | 325.00 | 78 |
| Mason " | " J. R. Bridges, | 325.00 | 55 |
| North " | " Sarah F. Hobbs, | 300.00 | 80 |
| Putnam " | " Anna Johnston, | 300.00 | 86 |
| Sargent " | Mrs. Anna M. Harrod, | 325.00 | 109 |
| | Miss Frances J. Harrod, | 200.00 | |
| Shepard " | " Anna E. Priest, | 325.00 | 102 |
| | " Ellen Sawyer, | 200.00 | |
| Thorndike " | " M. H. Butler, | 325.00 | 98 |
| Washington " | " C. E. Metcalf, | 325.00 | 68 |
| Webster " | " Mary A. Tarbell, | 325.00 | 120 |
| | Mrs. M. E. Redman, | 225.00 | |

Music Teacher, Mr. Nathan Lincoln, $ 1,000.00.

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